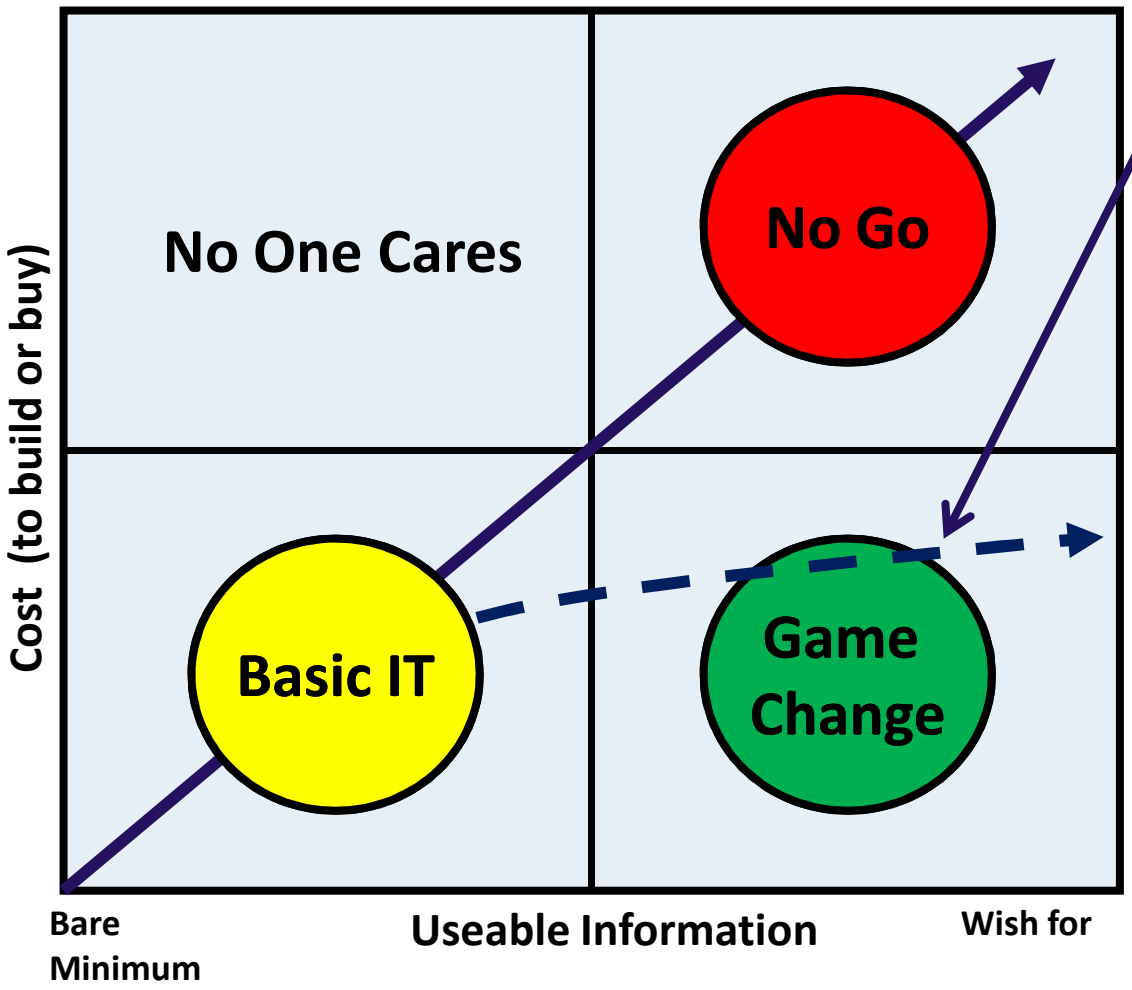
CAMBRIDGE SEMANTICS
REALIZING THE POTENTIAL

Semantics Offers a New Paradigm



Bending the line requires a new paradigm, e.g.

- ✓**1980's - PC's & Networks**
- ✓**1990's - The Internet**
- ✓**2000's - Semantics**

Innovators Get the Advantage

Usually in the form of:

- Revenue Increase
- Cost containment
- Risk Mitigation

Yesterday's Game Change is Today's Basic IT

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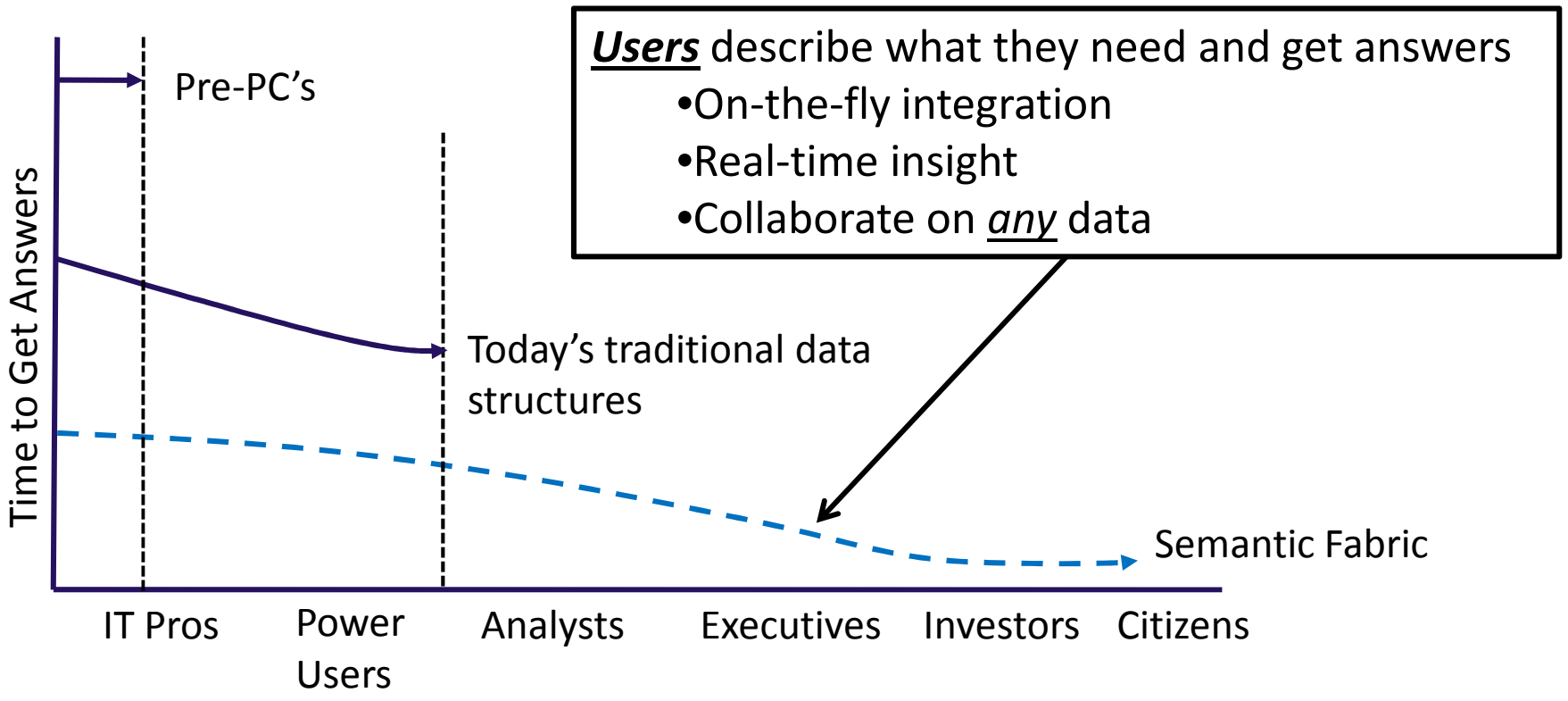
REALIZING THE POTENTIAL

A New Paradigm for Responsiveness and Agility



Reduced Time, Increased Reach

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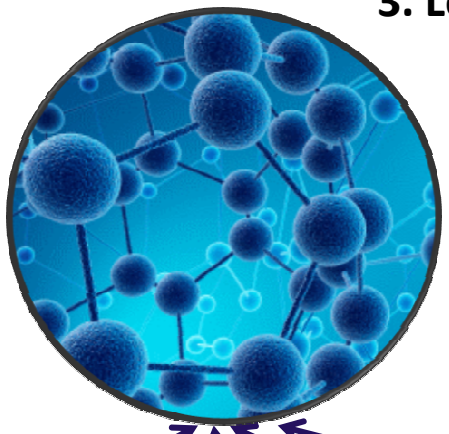
REALIZING THE POTENTIAL

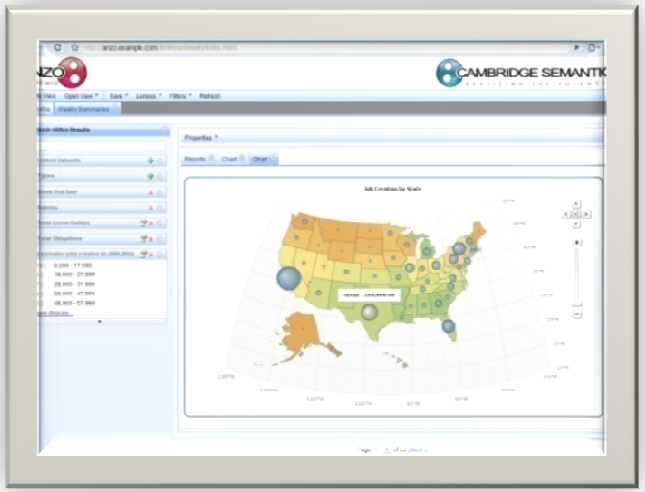
The Power of a Semantic Fabric:
Data lives at the source, anyone can leverage it

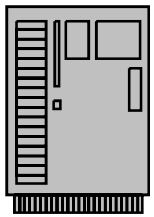
1. Virtualize it to be location and format independent

2. Establish common meaning across data

3. Let the user (partners, customers…) create the view they want

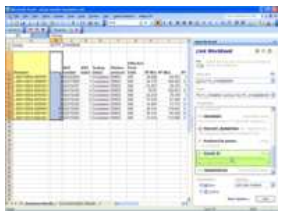






RDBMS

RDF



4. Fill the picture with the desired data

5. Updates anywhere

…update everywhere

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REALIZING THE POTENTIAL

XBRL Meets Semantic Standards

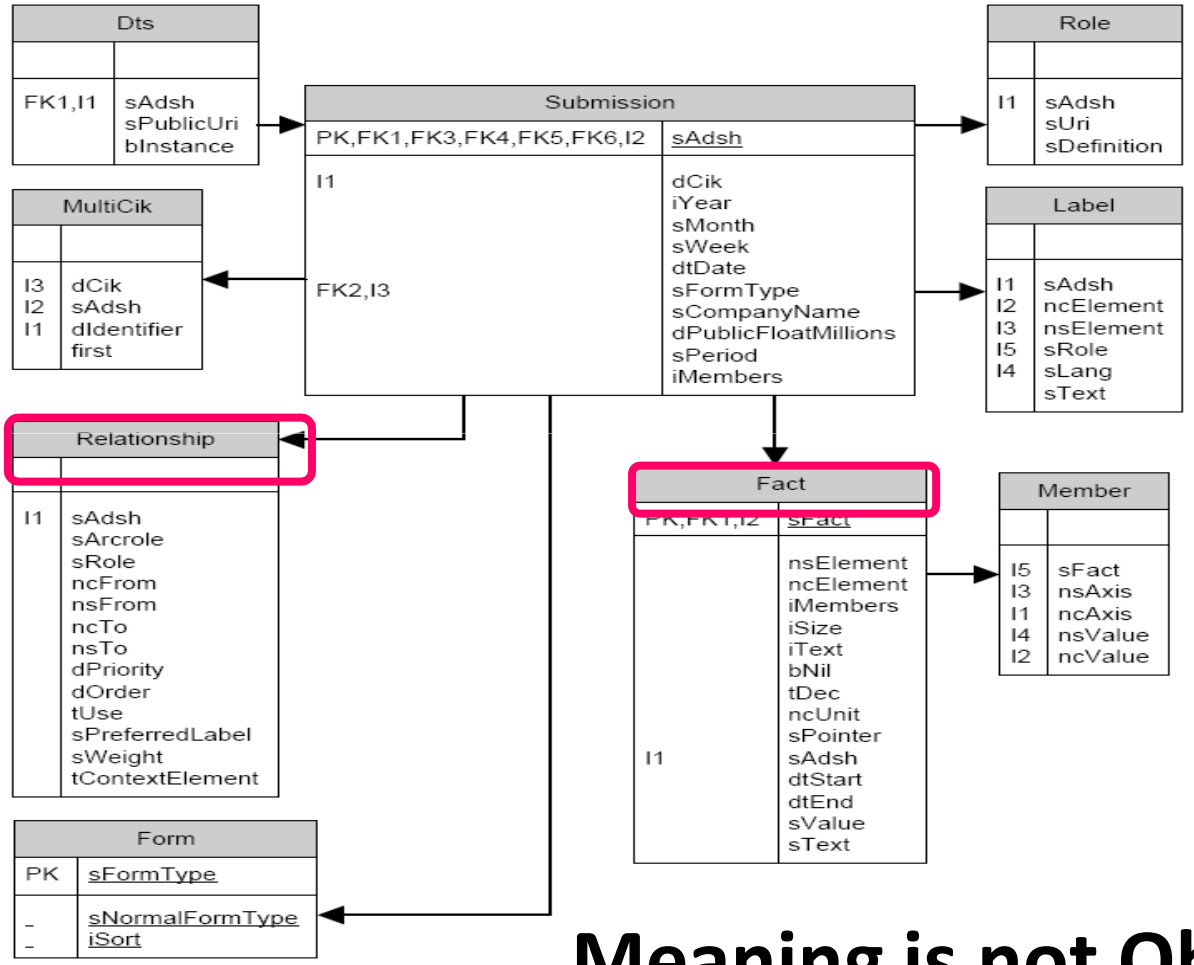
A Case of Compliance?
A Case of Internet Dating?

- XBRL adds structure to data
- Semantic standards attach meaning to the data
- Structured data with meaning is consumable, re-usable, agile

Much Greater Insight into Financial Reporting Data

CAMBRIDGE SEMANTICS
REALIZING THE POTENTIAL

A Word (Picture) on Structure



Meaning is not Obvious

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Add Tools for Non-Technical Users and…

***Anyone* can answer their own questions quickly**

- Combine financial reporting data with any other data
- Create live mashups that stay linked to the source
- Share the result with others who can add to it…

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REALIZING THE POTENTIAL

Scenario

Identify potential cases of naked short selling by semantically linking XBRL filings with fails-to-deliver reports found at: http://www.sec.gov/foia/docs/failsdata.htm

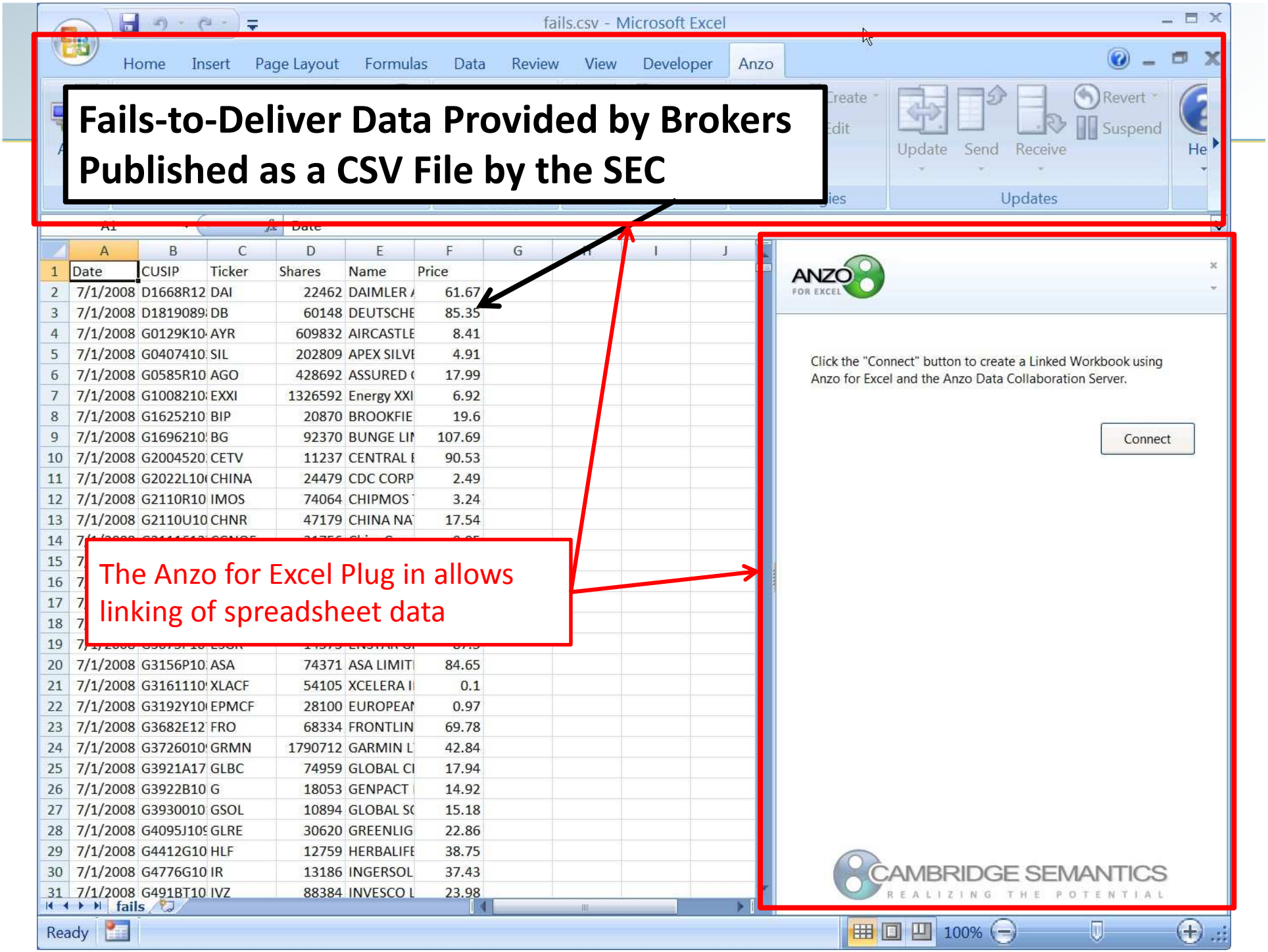
- 10-Q and 10-K Interactive Data
- Fail-To-Deliver Data

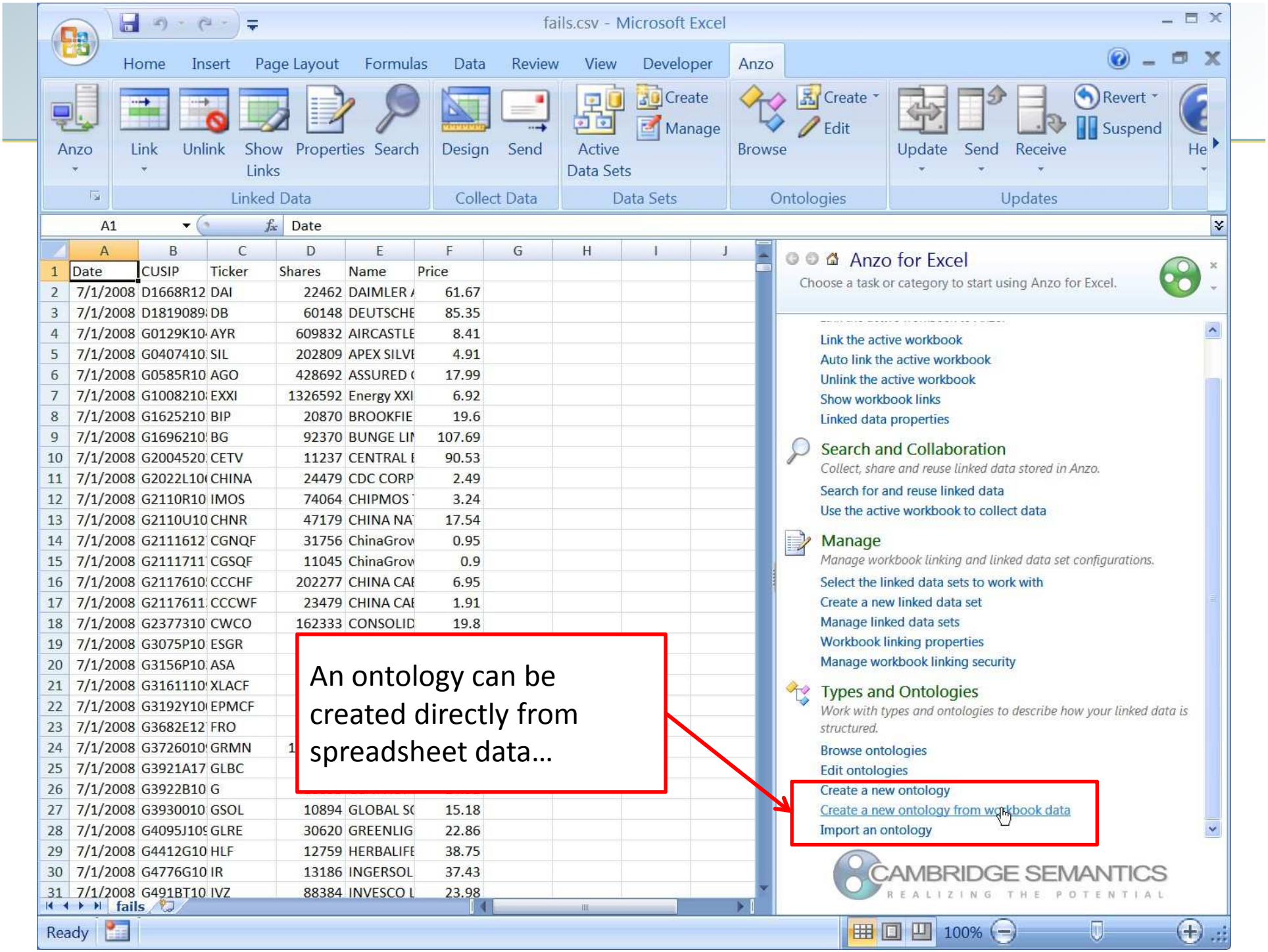
Fail-to-Deliver

Date	CUSIP	Ticker	Shares	Name	Price
8/12/2009	M40184109	ELTK	250	ELTEK LTD	1.39
8/12/2009	M37605108	EMITF	502	ELBIT IMAGING LTD. ORD SHS	24.68
8/12/2009	M3760D101	ESLT	476	ELBIT SYSTEMS LTD	65.4
8/12/2009	M29925100	ECTX	998	ECTEL LTD	0.76
8/12/2009	M26744108	CRWTF	50	CROW TECHNOLOGIES 1977 LTD	2.5
8/12/2009	M25722105	CGEN	4809	COMPUGEN LTD	2.48
8/12/2009	M25596202	CTCH	200	COMMTOUCH SOFTWARE LTD NEW	2.58
8/12/2009	M23798107	CIMT	1653	CIMATRON LTD ORD SHS	0.92
8/12/2009	M22465104	CHKP	8015	CHECK POINT SOFTWR TECHNLS LTD	26.83
8/12/2009	M2196U109	CEL	626	CELLCOM ISRAEL LTD ORD SHS (IS	26.51
8/12/2009	M20791105	CAMT	1850	CAMTEK LTD.	1.15
8/12/2009	M20512105	BVRSF	4650	BVR SYSTEMS INC	0.18
8/12/2009	M0854Q105	ALLT	1058	ALLOT COMMUNICATIONS LTD ORD S	3.8
8/12/2009	L6388F110	MICC	1104	MILLICOM INTL CELLULAR SA	71.45
8/12/2009	L63631102	MTOAF	78	METRO INTERNATIONAL S.A. CL-A	0
8/12/2009	H89128104	TYC	34	TYCO INTERNATIONAL LTD COM STK	30.8
8/12/2009	H8912P106	TEL	68	TYCO ELECTRONICS LTD SWITZERLA	22.26
8/12/2009	H8817H100	RIG	43	TRANSOCEAN LTD (SWITZERLAND)	74.27
8/12/2009	H5833N103	NE	516	NOBLE CORP ORD SHS (CHE)	33.06
8/12/2009	H50430232	LOGI	417	LOGITECH INTERNATIONAL S.A .OR	16.58
8/12/2009	H27178104	FWLT	100	FOSTER WHEELER AG (SWITZERLAND	29.32
8/12/2009	H27013103	WFT	951	WEATHERFORD INT'L LTD (SWITZER	18.27
8/12/2009	H01301102	ACL	2253	ALCON CHF 0.20 PAR VALUE	128.72
8/12/2009	H0023R105	ACE	14	ACE LIMITED (SWITZERLAND)	49.22
8/12/2009	G98268108	XRTX	66	XYRATEX LTD (BERMUDA)	5.74
8/12/2009	G98255105	XL	2703	XL CAPITAL LTD CL-A	13.92
8/12/2009	G9825R107	XOMA	16307	XOMA LTD (BERMUDA)	0.84
8/12/2009	G9618E107	WTM	156	WHITE MOUNTAINS INSRN GRP,LTD	280.43

60 months → 3.5m fails

CAMBRIDGE SEMANTICS
REALIZING THE POTENTIAL


fails.csv - Microsoft Excel
Home
Insert
Page Layout
Formulas
Data
Review
View
Developer
Anzo
Update
Send
Receive
Revert
Suspend
Updates
Fails-to-Deliver Data Provided by Brokers
Published as a CSV File by the SEC
Date
A1
Date
CUSIP
Ticker
Shares
Name
Price
1 Date CUSIP Ticker Shares Name Price
2 7/1/2008 D1668R12 DAI 22462 DAIMLER A 61.67
3 7/1/2008 D1819089 DB 60148 DEUTSCHE 85.35
4 7/1/2008 G0129K10 AYR 609832 AIRCASTLE 8.41
5 7/1/2008 G0407410 SIL 202809 APEX SILVE 4.91
6 7/1/2008 G0585R10 AGO 428692 ASSURED G 17.99
7 7/1/2008 G1008210 EXXI 1326592 Energy XXI 6.92
8 7/1/2008 G1625210 BIP 20870 BROOKFIE 19.6
9 7/1/2008 G1696210 BG 92370 BUNGE LIN 107.69
10 7/1/2008 G2004520 CETV 11237 CENTRAL E 90.53
11 7/1/2008 G2022L10 CHINA 24479 CDC CORP 2.49
12 7/1/2008 G2110R10 IMOS 74064 CHIPMOS T 3.24
13 7/1/2008 G2110U10 CHNR 47179 CHINA NAT 17.54
20 7/1/2008 G3156P10 ASA 74371 ASA LIMITI 84.65
21 7/1/2008 G3161110 XLACF 54105 XCELERA I 0.1
22 7/1/2008 G3192Y10 EPMCF 28100 EUROPEAN 0.97
23 7/1/2008 G3682E12 FRO 68334 FRONTLIN 69.78
24 7/1/2008 G3726010 GRMN 1790712 GARMIN LT 42.84
25 7/1/2008 G3921A17 GLBC 74959 GLOBAL CI 17.94
26 7/1/2008 G3922B10 G 18053 GENPACT I 14.92
27 7/1/2008 G3930010 GSOL 10894 GLOBAL SC 15.18
28 7/1/2008 G4095J109 GLRE 30620 GREENLIG 22.86
29 7/1/2008 G4412G10 HLF 12759 HERBALIFE 38.75
30 7/1/2008 G4776G10 IR 13186 INGERSOL 37.43
31 7/1/2008 G491BT10 IVZ 88384 INVESCO L 23.98
fails
The Anzo for Excel Plug in allows linking of spreadsheet data
ANZO FOR EXCEL
Click the "Connect" button to create a Linked Workbook using Anzo for Excel and the Anzo Data Collaboration Server.
Connect
CAMBRIDGE SEMANTICS
REALIZING THE POTENTIAL
Ready
100%


fails.csv - Microsoft Excel
Home
Insert
Page Layout
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View
Developer
Anzo
Anzo
Link
Unlink
Show Links
Properties
Search
Linked Data
Design
Send
Collect Data
Active Data Sets
Create
Manage
Data Sets
Browse
Create
Edit
Ontologies
Update
Send
Receive
Revert
Suspend
Updates
A1
Date
Date CUSIP Ticker Shares Name Price
7/1/2008 D1668R12 DAI 22462 DAIMLER A 61.67
7/1/2008 D1819089 DB 60148 DEUTSCHE 85.35
7/1/2008 G0129K10 AYR 609832 AIRCASTLE 8.41
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7/1/2008 G1008210 EXXI 1326592 Energy XXI 6.92
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7/1/2008 G2110U10 CHNR 47179 CHINA NAT 17.54
7/1/2008 G2111612 CGNQF 31756 ChinaGrow 0.95
7/1/2008 G2111711 CGSQF 11045 ChinaGrow 0.9
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7/1/2008 G2117611 CCCWF 23479 CHINA CAE 1.91
7/1/2008 G2377310 CWCO 162333 CONSOLID 19.8
7/1/2008 G3075P10 ESGR
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7/1/2008 G3192Y10 EPMCF
7/1/2008 G3682E12 FRO
7/1/2008 G3726010 GRMN
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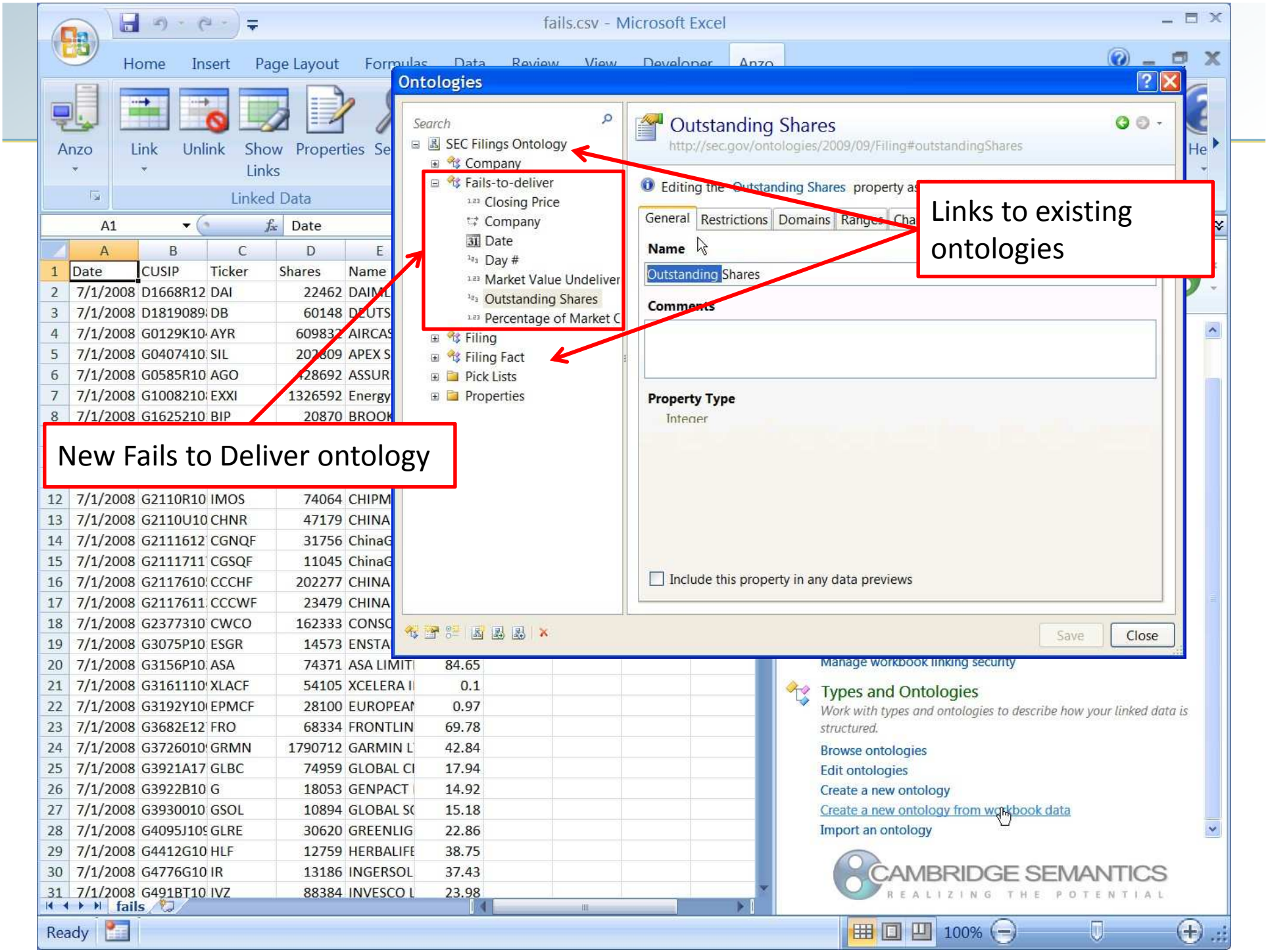
7/1/2008 G3922B10 G
7/1/2008 G3930010 GSOL 10894 GLOBAL SC 15.18
7/1/2008 G4095J10 GLRE 30620 GREENLIG 22.86
7/1/2008 G4412G10 HLF 12759 HERBALIFE 38.75
7/1/2008 G4776G10 IR 13186 INGERSOL 37.43
7/1/2008 G491BT10 IVZ 88384 INVESCO L 23.98
fails
An ontology can be created directly from spreadsheet data…
Anzo for Excel
Choose a task or category to start using Anzo for Excel.
Link the active workbook
Auto link the active workbook
Unlink the active workbook
Show workbook links
Linked data properties
Search and Collaboration
Collect, share and reuse linked data stored in Anzo.
Search for and reuse linked data
Use the active workbook to collect data
Manage
Manage workbook linking and linked data set configurations.
Select the linked data sets to work with
Create a new linked data set
Manage linked data sets
Workbook linking properties
Manage workbook linking security
Types and Ontologies
Work with types and ontologies to describe how your linked data is structured.
Browse ontologies
Edit ontologies
Create a new ontology
Create a new ontology from workbook data
Import an ontology
CAMBRIDGE SEMANTICS
REALIZING THE POTENTIAL
Ready
100%


fails.csv - Microsoft Excel
Ontologies
Search
SEC Filings Ontology
Company
Fails-to-deliver
Closing Price
Company
Date
Day #
Market Value Undeliver
Outstanding Shares
Percentage of Market C
Filing
Filing Fact
Pick Lists
Properties
Outstanding Shares
http://sec.gov/ontologies/2009/09/Filing#outstandingShares
Editing the Outstanding Shares property as
General
Restrictions
Domains
Name
Outstanding Shares
Comments
Property Type
Integer
Include this property in any data previews
Save
Close
Links to existing ontologies
New Fails to Deliver ontology
Types and Ontologies
Work with types and ontologies to describe how your linked data is structured.
Browse ontologies
Edit ontologies
Create a new ontology
Create a new ontology from workbook data
Import an ontology
CAMBRIDGE SEMANTICS
REALIZING THE POTENTIAL
Ready
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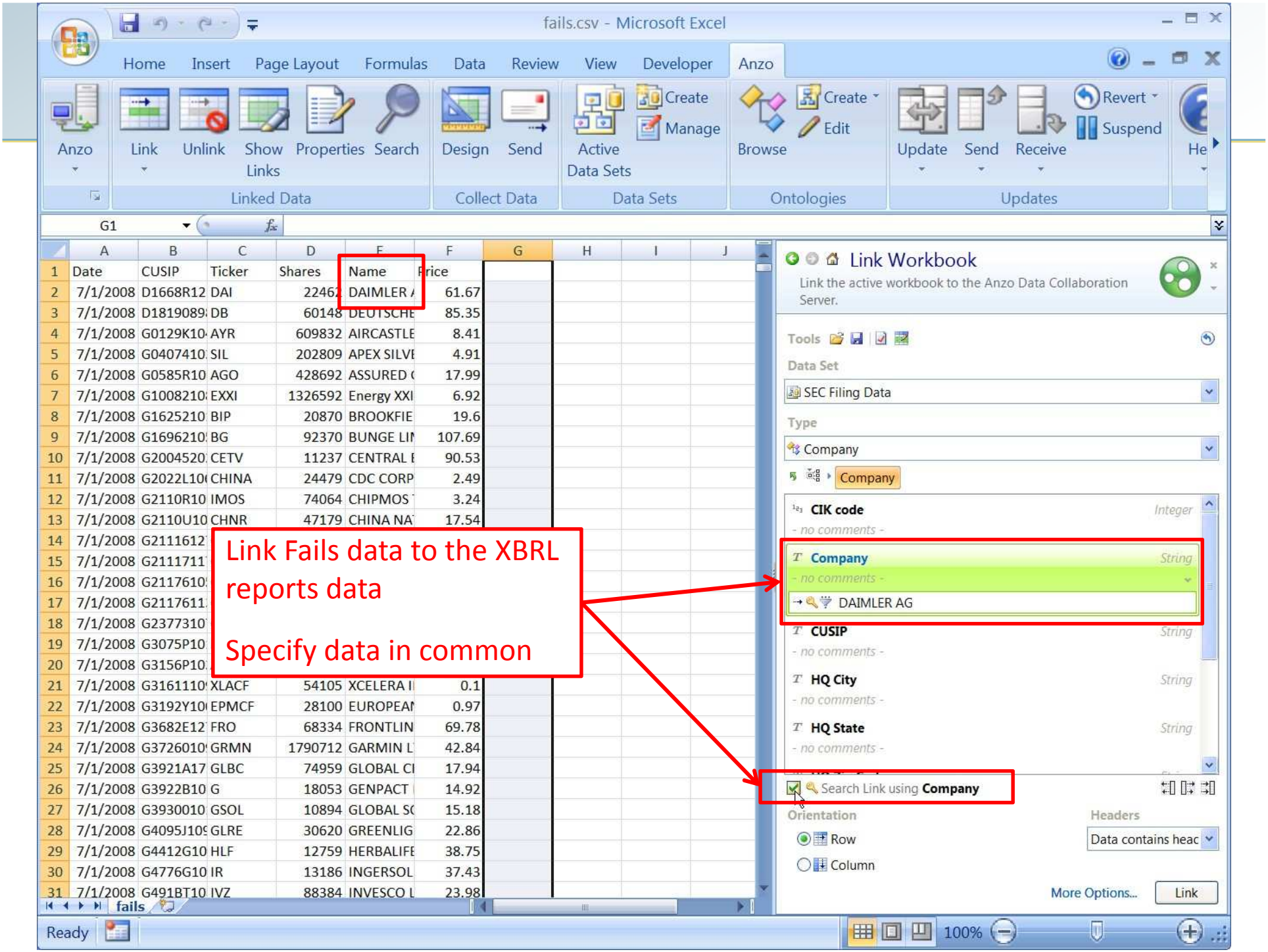
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Create
Manage
Data Sets
Browse
Create
Edit
Ontologies
Update
Send
Receive
Revert
Suspend
Updates
G1
Date
CUSIP
Ticker
Shares
Name
Price
7/1/2008 D1668R12 DAI 22462 DAIMLER A 61.67
7/1/2008 D1819089 DB 60148 DEUTSCHE 85.35
7/1/2008 G0129K10 AYR 609832 AIRCASTLE 8.41
7/1/2008 G0407410 SIL 202809 APEX SILVE 4.91
7/1/2008 G0585R10 AGO 428692 ASSURED G 17.99
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7/1/2008 G2022L10 CHINA 24479 CDC CORP 2.49
7/1/2008 G2110R10 IMOS 74064 CHIPMOS T 3.24
7/1/2008 G2110U10 CHNR 47179 CHINA NA 17.54
7/1/2008 G2111612
7/1/2008 G2111711
7/1/2008 G2117610
7/1/2008 G2117611
7/1/2008 G2377310
7/1/2008 G3075P10
7/1/2008 G3156P10
7/1/2008 G3161110 XLACF 54105 XCELERA I 0.1
7/1/2008 G3192Y10 EPMCF 28100 EUROPEAN 0.97
7/1/2008 G3682E12 FRO 68334 FRONTLIN 69.78
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7/1/2008 G3922B10 G 18053 GENPACT I 14.92
7/1/2008 G3930010 GSOL 10894 GLOBAL SC 15.18
7/1/2008 G4095J10 GLRE 30620 GREENLIG 22.86
7/1/2008 G4412G10 HLF 12759 HERBALIFE 38.75
7/1/2008 G4776G10 IR 13186 INGERSOL 37.43
7/1/2008 G491BT10 IVZ 88384 INVESCO L 23.98
Link Fails data to the XBRL reports data
Specify data in common
Link Workbook
Link the active workbook to the Anzo Data Collaboration Server.
Tools
Data Set
SEC Filing Data
Type
Company
Company
CIK code
Integer
- no comments -
Company
String
- no comments -
DAIMLER AG
CUSIP
String
- no comments -
HQ City
String
- no comments -
HQ State
String
- no comments -
Search Link using Company
Orientation
Row
Column
Headers
Data contains heac
More Options...
Link
fails
Ready
100%

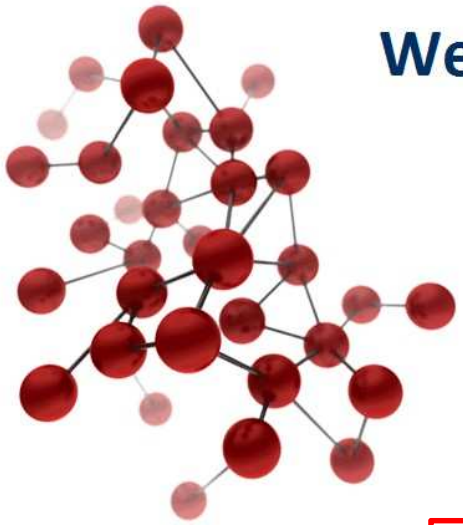
Anzo on the W... | http://localhos... | http://anzo.ec...

http://anzo.ec2.cambridgesemantics.com/anzoweb/index.html

ANZO ON THE WEB | Search | View | Logged in as sysadmin | Logout | About

Welcome

Data Linked To A Semantic Fabric Can Be Better Understood



Welcome to Anzo on the Web

Find the data you want to use

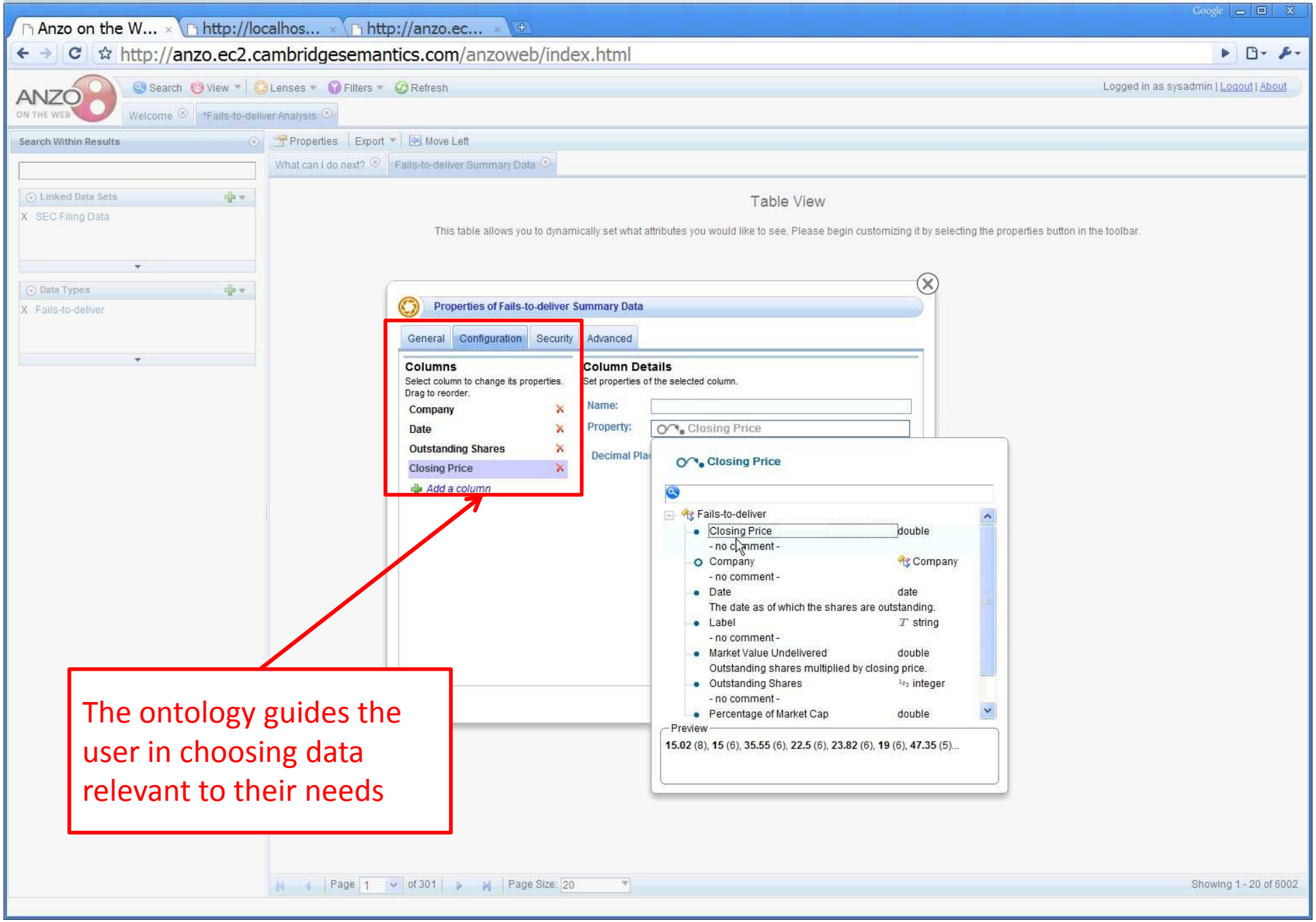
Create a view to put it in

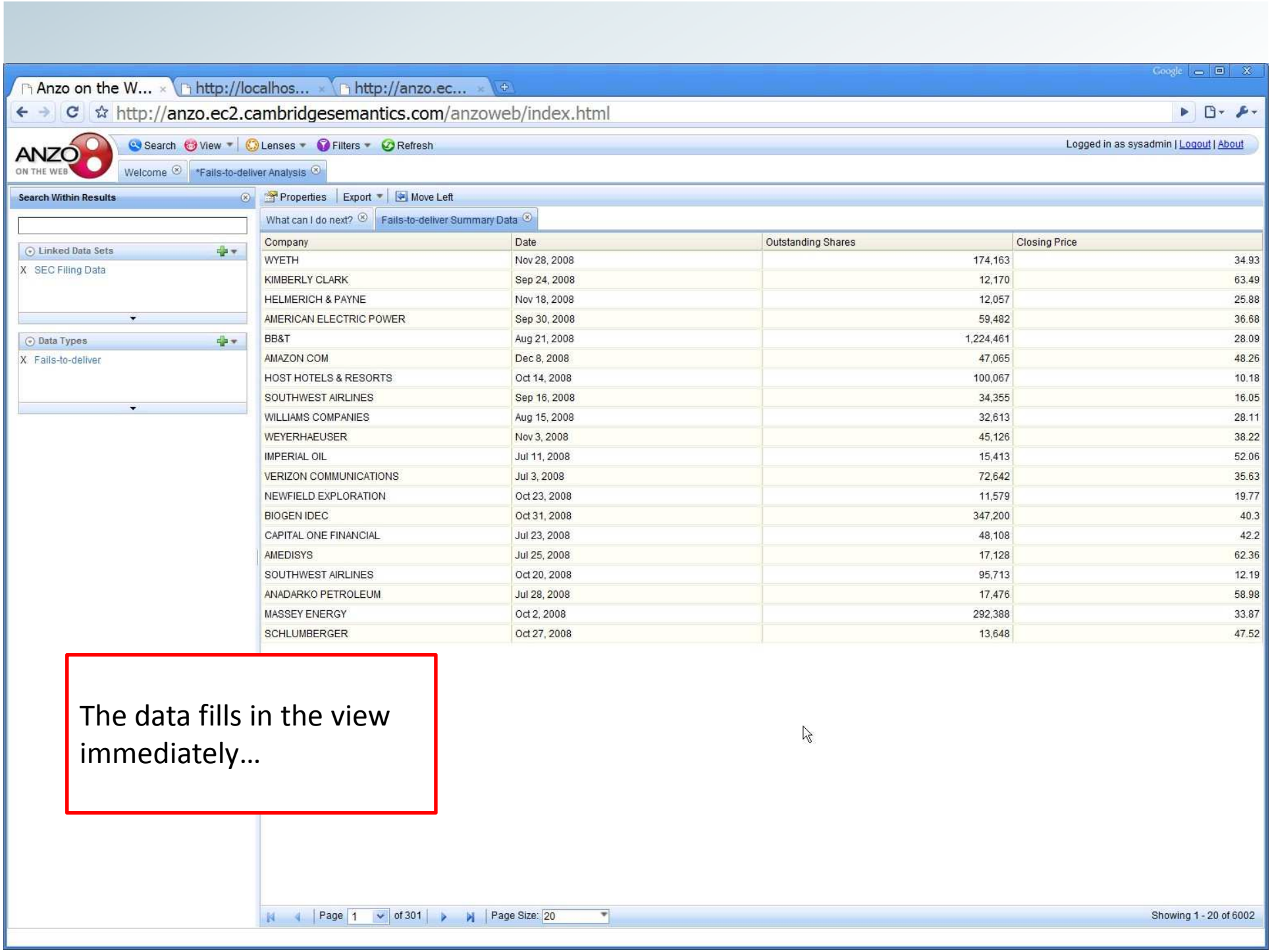
Add lenses to visualize it

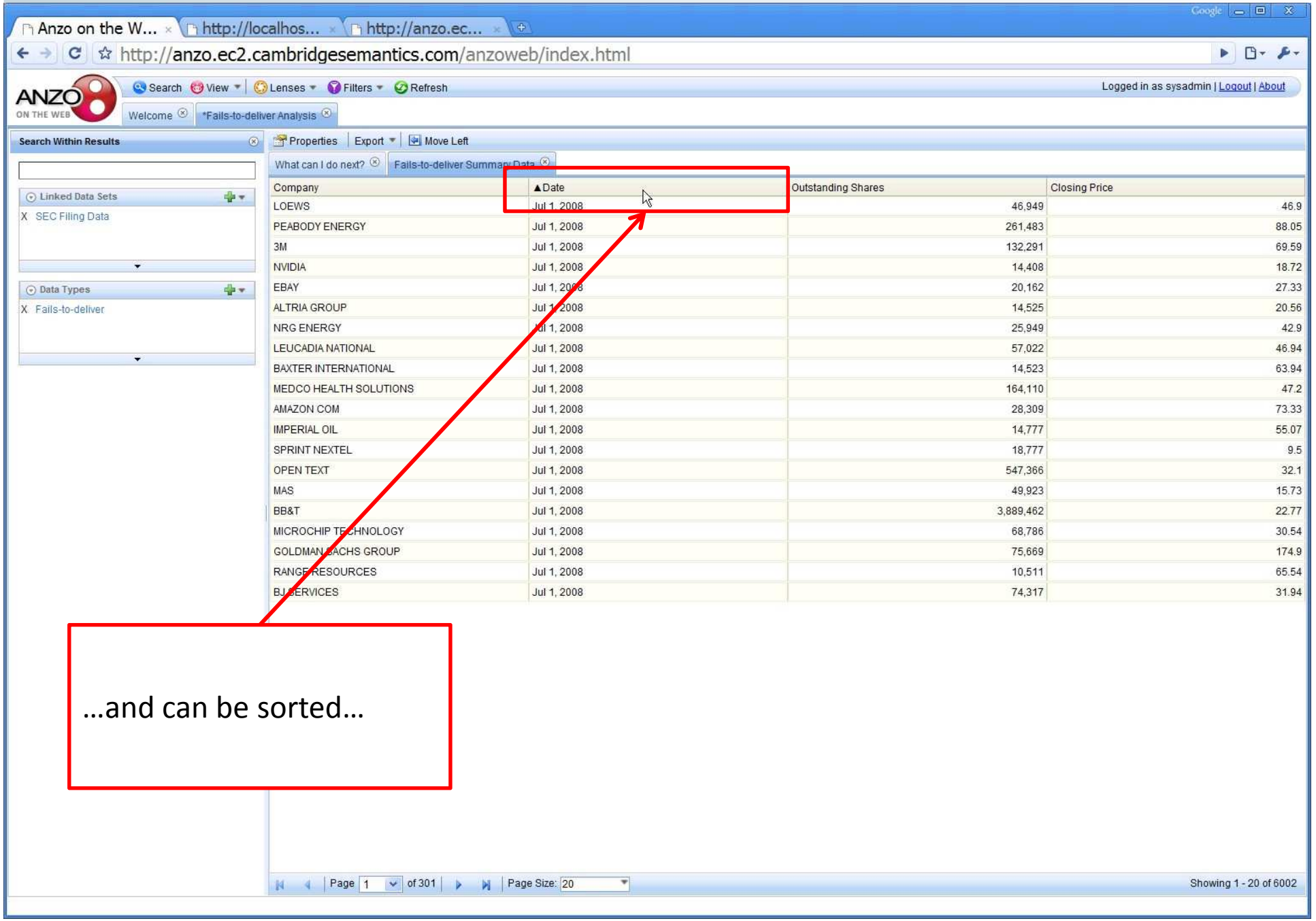
Add facets to filter it

Share the view you create

Anzo on the Web enables non-technical search, combine and view linked data


Anzo on the W...
http://localhos...
http://anzo.ec...
http://anzo.ec2.cambridgesemantics.com/anzoweb/index.html
ANZO ON THE WEB
Search
View
Lenses
Filters
Refresh
Logged in as sysadmin | Logout | About
Welcome
*Fails-to-deliver Analysis
Search Within Results
Linked Data Sets
SEC Filing Data
Data Types
Fails-to-deliver
Properties
Export
Move Left
What can I do next?
Fails-to-deliver Summary Data
Table View
This table allows you to dynamically set what attributes you would like to see. Please begin customizing it by selecting the properties button in the toolbar.
Properties of Fails-to-deliver Summary Data
General
Configuration
Security
Advanced
Columns
Select column to change its properties.
Drag to reorder.
Company
Date
Outstanding Shares
Closing Price
Add a column
Column Details
Set properties of the selected column.
Name:
Property:
Closing Price
Decimal Pla
Closing Price
Fails-to-deliver
Closing Price double
- no comment -
Company Company
- no comment -
Date date
The date as of which the shares are outstanding.
Label string
- no comment -
Market Value Undelivered double
Outstanding shares multiplied by closing price.
Outstanding Shares integer
- no comment -
Percentage of Market Cap double
Preview
15.02 (8), 15 (6), 35.55 (6), 22.5 (6), 23.82 (6), 19 (6), 47.35 (5)...
Page 1 of 301
Page Size: 20
Showing 1 - 20 of 6002
The ontology guides the user in choosing data relevant to their needs


Anzo on the W...
http://localhos...
http://anzo.ec...
http://anzo.ec2.cambridgesemantics.com/anzoweb/index.html
ANZO ON THE WEB
Search
View
Lenses
Filters
Refresh
Logged in as sysadmin | Logout | About
Welcome
*Fails-to-deliver Analysis
Search Within Results
Linked Data Sets
X SEC Filing Data
Data Types
X Fails-to-deliver
Properties
Export
Move Left
What can I do next?
Fails-to-deliver Summary Data
Company | Date | Outstanding Shares | Closing Price
WYETH | Nov 28, 2008 | 174,163 | 34.93
KIMBERLY CLARK | Sep 24, 2008 | 12,170 | 63.49
HELMERICH & PAYNE | Nov 18, 2008 | 12,057 | 25.88
AMERICAN ELECTRIC POWER | Sep 30, 2008 | 59,482 | 36.68
BB&T | Aug 21, 2008 | 1,224,461 | 28.09
AMAZON COM | Dec 8, 2008 | 47,065 | 48.26
HOST HOTELS & RESORTS | Oct 14, 2008 | 100,067 | 10.18
SOUTHWEST AIRLINES | Sep 16, 2008 | 34,355 | 16.05
WILLIAMS COMPANIES | Aug 15, 2008 | 32,613 | 28.11
WEYERHAEUSER | Nov 3, 2008 | 45,126 | 38.22
IMPERIAL OIL | Jul 11, 2008 | 15,413 | 52.06
VERIZON COMMUNICATIONS | Jul 3, 2008 | 72,642 | 35.63
NEWFIELD EXPLORATION | Oct 23, 2008 | 11,579 | 19.77
BIOGEN IDEC | Oct 31, 2008 | 347,200 | 40.3
CAPITAL ONE FINANCIAL | Jul 23, 2008 | 48,108 | 42.2
AMEDISYS | Jul 25, 2008 | 17,128 | 62.36
SOUTHWEST AIRLINES | Oct 20, 2008 | 95,713 | 12.19
ANADARKO PETROLEUM | Jul 28, 2008 | 17,476 | 58.98
MASSEY ENERGY | Oct 2, 2008 | 292,388 | 33.87
SCHLUMBERGER | Oct 27, 2008 | 13,648 | 47.52
Page 1 of 301
Page Size: 20
Showing 1 - 20 of 6002
The data fills in the view immediately…


Anzo on the W...
http://localhos...
http://anzo.ec...
http://anzo.ec2.cambridgesemantics.com/anzoweb/index.html
ANZO ON THE WEB
Search
View
Lenses
Filters
Refresh
Logged in as sysadmin | Logout | About
Welcome
*Fails-to-deliver Analysis
Search Within Results
Linked Data Sets
X SEC Filing Data
Data Types
X Fails-to-deliver
Properties
Export
Move Left
What can I do next?
Fails-to-deliver Summary Data
Company
▲Date
Outstanding Shares
Closing Price
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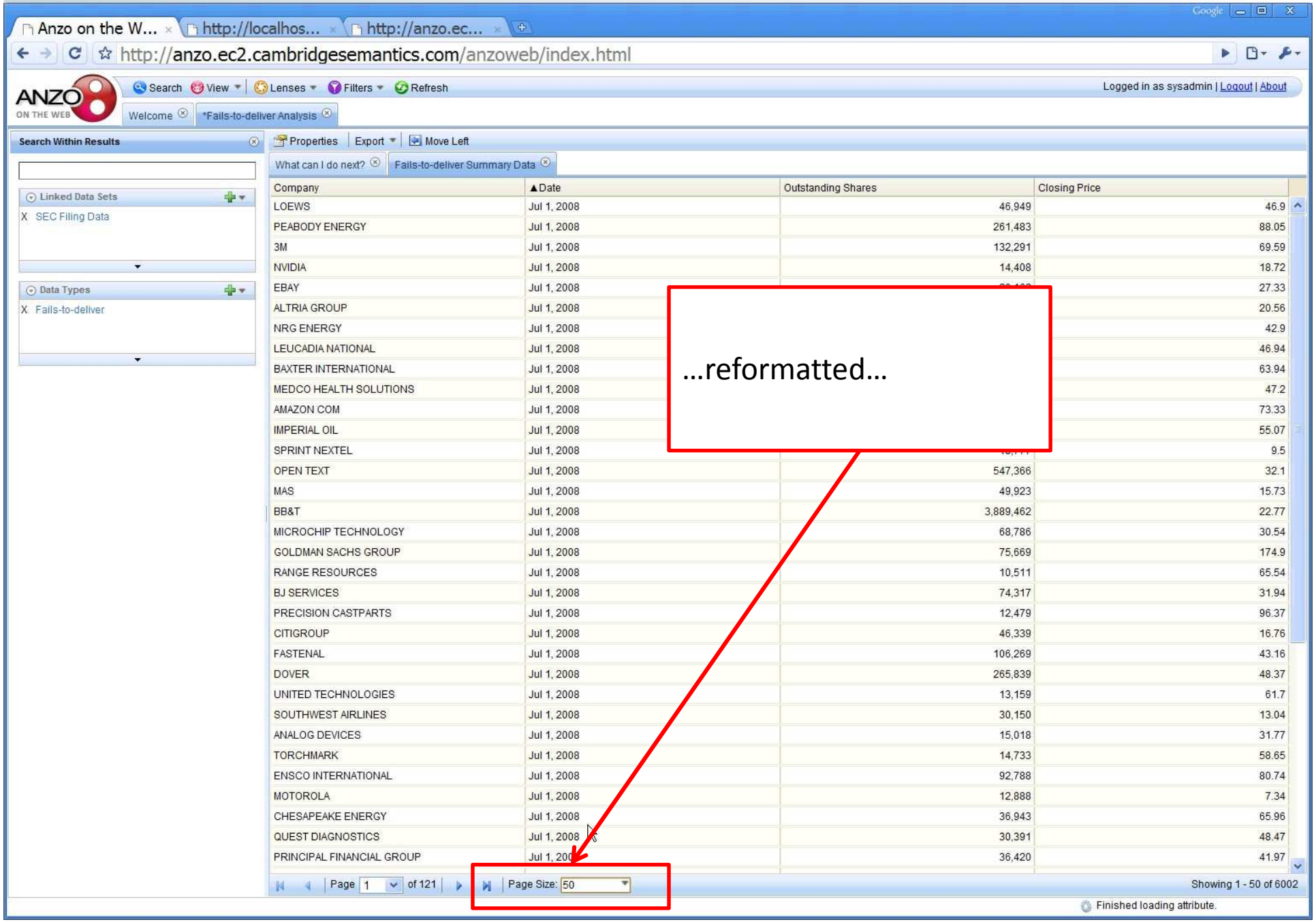
PEABODY ENERGY Jul 1, 2008 261,483 88.05
3M Jul 1, 2008 132,291 69.59
NVIDIA Jul 1, 2008 14,408 18.72
EBAY Jul 1, 2008 20,162 27.33
ALTRIA GROUP Jul 1, 2008 14,525 20.56
NRG ENERGY Jul 1, 2008 25,949 42.9
LEUCADIA NATIONAL Jul 1, 2008 57,022 46.94
BAXTER INTERNATIONAL Jul 1, 2008 14,523 63.94
MEDCO HEALTH SOLUTIONS Jul 1, 2008 164,110 47.2
AMAZON COM Jul 1, 2008 28,309 73.33
IMPERIAL OIL Jul 1, 2008 14,777 55.07
SPRINT NEXTEL Jul 1, 2008 18,777 9.5
OPEN TEXT Jul 1, 2008 547,366 32.1
MAS Jul 1, 2008 49,923 15.73
BB&T Jul 1, 2008 3,889,462 22.77
MICROCHIP TECHNOLOGY Jul 1, 2008 68,786 30.54
GOLDMAN SACHS GROUP Jul 1, 2008 75,669 174.9
RANGE RESOURCES Jul 1, 2008 10,511 65.54
BJ SERVICES Jul 1, 2008 74,317 31.94
Page 1 of 301
Page Size: 20
Showing 1 - 20 of 6002
…and can be sorted…


Anzo on the W...
http://localhos...
http://anzo.ec...
http://anzo.ec2.cambridgesemantics.com/anzoweb/index.html
ANZO ON THE WEB
Search
View
Lenses
Filters
Refresh
Logged in as sysadmin | Logout | About
Welcome
*Fails-to-deliver Analysis
Search Within Results
Linked Data Sets
X SEC Filing Data
Data Types
X Fails-to-deliver
Properties
Export
Move Left
What can I do next?
Fails-to-deliver Summary Data
Company
▲Date
Outstanding Shares
Closing Price
LOEWS Jul 1, 2008 46,949 46.9
PEABODY ENERGY Jul 1, 2008 261,483 88.05
3M Jul 1, 2008 132,291 69.59
NVIDIA Jul 1, 2008 14,408 18.72
EBAY Jul 1, 2008 27.33
ALTRIA GROUP Jul 1, 2008 20.56
NRG ENERGY Jul 1, 2008 42.9
LEUCADIA NATIONAL Jul 1, 2008 46.94
BAXTER INTERNATIONAL Jul 1, 2008 63.94
MEDCO HEALTH SOLUTIONS Jul 1, 2008 47.2
AMAZON COM Jul 1, 2008 73.33
IMPERIAL OIL Jul 1, 2008 55.07
SPRINT NEXTEL Jul 1, 2008 9.5
OPEN TEXT Jul 1, 2008 547,366 32.1
MAS Jul 1, 2008 49,923 15.73
BB&T Jul 1, 2008 3,889,462 22.77
MICROCHIP TECHNOLOGY Jul 1, 2008 68,786 30.54
GOLDMAN SACHS GROUP Jul 1, 2008 75,669 174.9
RANGE RESOURCES Jul 1, 2008 10,511 65.54
BJ SERVICES Jul 1, 2008 74,317 31.94
PRECISION CASTPARTS Jul 1, 2008 12,479 96.37
CITIGROUP Jul 1, 2008 46,339 16.76
FASTENAL Jul 1, 2008 106,269 43.16
DOVER Jul 1, 2008 265,839 48.37
UNITED TECHNOLOGIES Jul 1, 2008 13,159 61.7
SOUTHWEST AIRLINES Jul 1, 2008 30,150 13.04
ANALOG DEVICES Jul 1, 2008 15,018 31.77
TORCHMARK Jul 1, 2008 14,733 58.65
ENSCO INTERNATIONAL Jul 1, 2008 92,788 80.74
MOTOROLA Jul 1, 2008 12,888 7.34
CHESAPEAKE ENERGY Jul 1, 2008 36,943 65.96
QUEST DIAGNOSTICS Jul 1, 2008 30,391 48.47
PRINCIPAL FINANCIAL GROUP Jul 1, 200 36,420 41.97
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Page 1 of 121
Page Size: 50
Showing 1 - 50 of 6002
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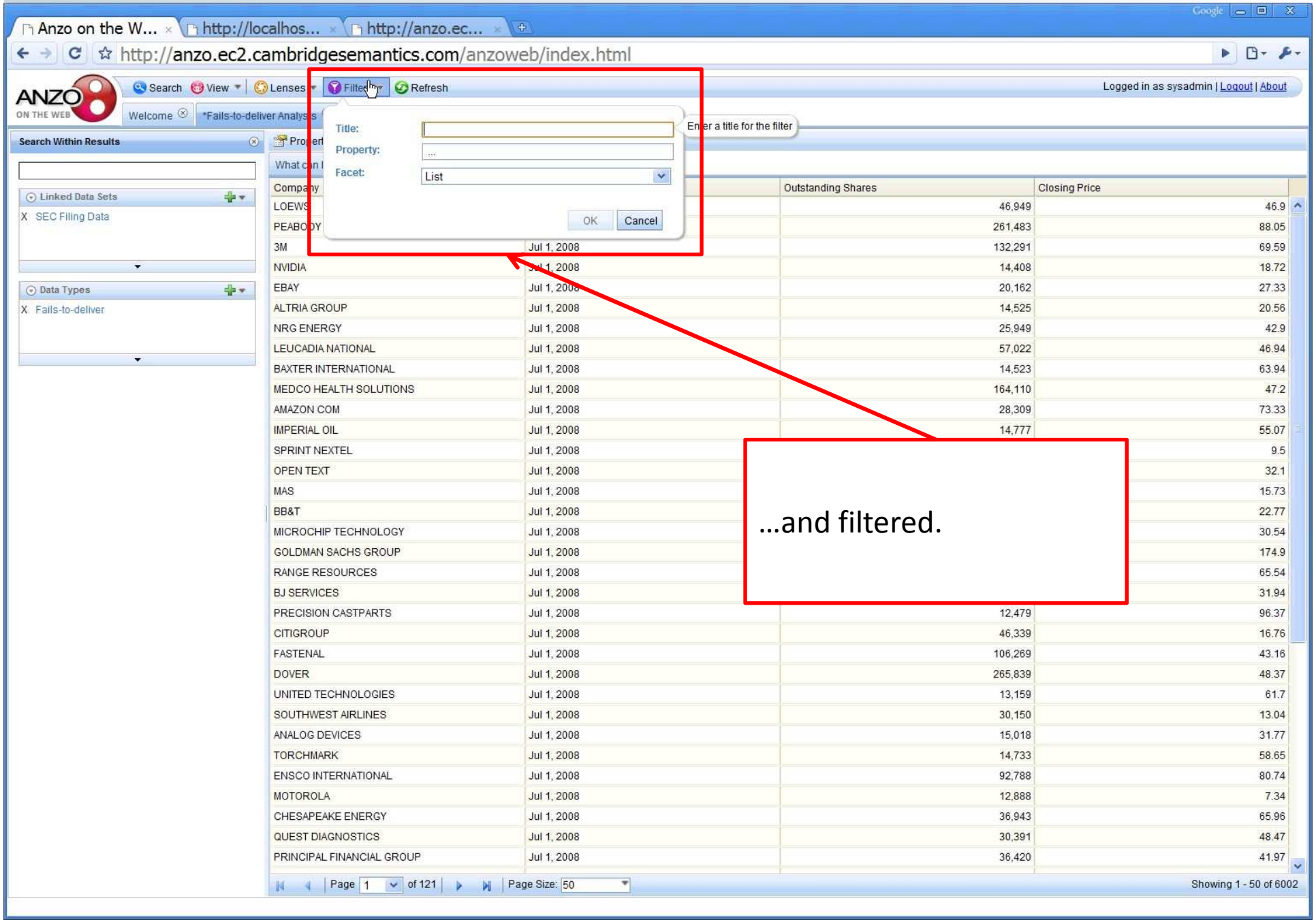
Anzo on the W...
http://localhos...
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http://anzo.ec2.cambridgesemantics.com/anzoweb/index.html
ANZO ON THE WEB
Search
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Lenses
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Refresh
Logged in as sysadmin | Logout | About
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*Fails-to-deliver Analysis
Search Within Results
Linked Data Sets
X SEC Filing Data
Data Types
X Fails-to-deliver
Title:
Property:
Facet:
List
OK
Cancel
Enter a title for the filter
Company
Outstanding Shares
Closing Price
LOEWS 46,949 46.9
PEABODY 261,483 88.05
3M Jul 1, 2008 132,291 69.59
NVIDIA Jul 1, 2008 14,408 18.72
EBAY Jul 1, 2008 20,162 27.33
ALTRIA GROUP Jul 1, 2008 14,525 20.56
NRG ENERGY Jul 1, 2008 25,949 42.9
LEUCADIA NATIONAL Jul 1, 2008 57,022 46.94
BAXTER INTERNATIONAL Jul 1, 2008 14,523 63.94
MEDCO HEALTH SOLUTIONS Jul 1, 2008 164,110 47.2
AMAZON COM Jul 1, 2008 28,309 73.33
IMPERIAL OIL Jul 1, 2008 14,777 55.07
SPRINT NEXTEL Jul 1, 2008 9.5
OPEN TEXT Jul 1, 2008 32.1
MAS Jul 1, 2008 15.73
BB&T Jul 1, 2008 22.77
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GOLDMAN SACHS GROUP Jul 1, 2008 174.9
RANGE RESOURCES Jul 1, 2008 65.54
BJ SERVICES Jul 1, 2008 31.94
PRECISION CASTPARTS Jul 1, 2008 12,479 96.37
CITIGROUP Jul 1, 2008 46,339 16.76
FASTENAL Jul 1, 2008 106,269 43.16
DOVER Jul 1, 2008 265,839 48.37
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SOUTHWEST AIRLINES Jul 1, 2008 30,150 13.04
ANALOG DEVICES Jul 1, 2008 15,018 31.77
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ENSCO INTERNATIONAL Jul 1, 2008 92,788 80.74
MOTOROLA Jul 1, 2008 12,888 7.34
CHESAPEAKE ENERGY Jul 1, 2008 36,943 65.96
QUEST DIAGNOSTICS Jul 1, 2008 30,391 48.47
PRINCIPAL FINANCIAL GROUP Jul 1, 2008 36,420 41.97
Page 1 of 121
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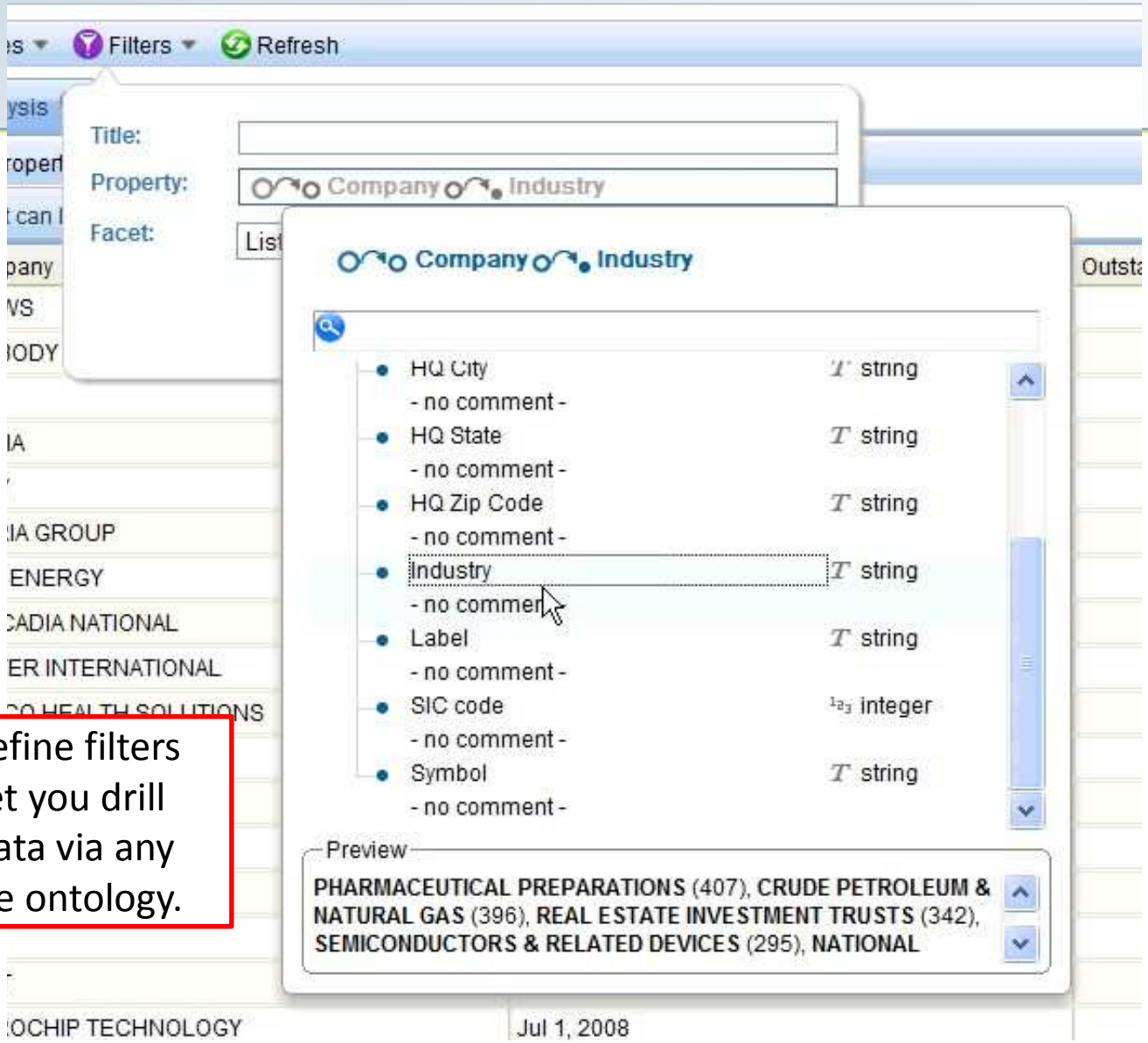
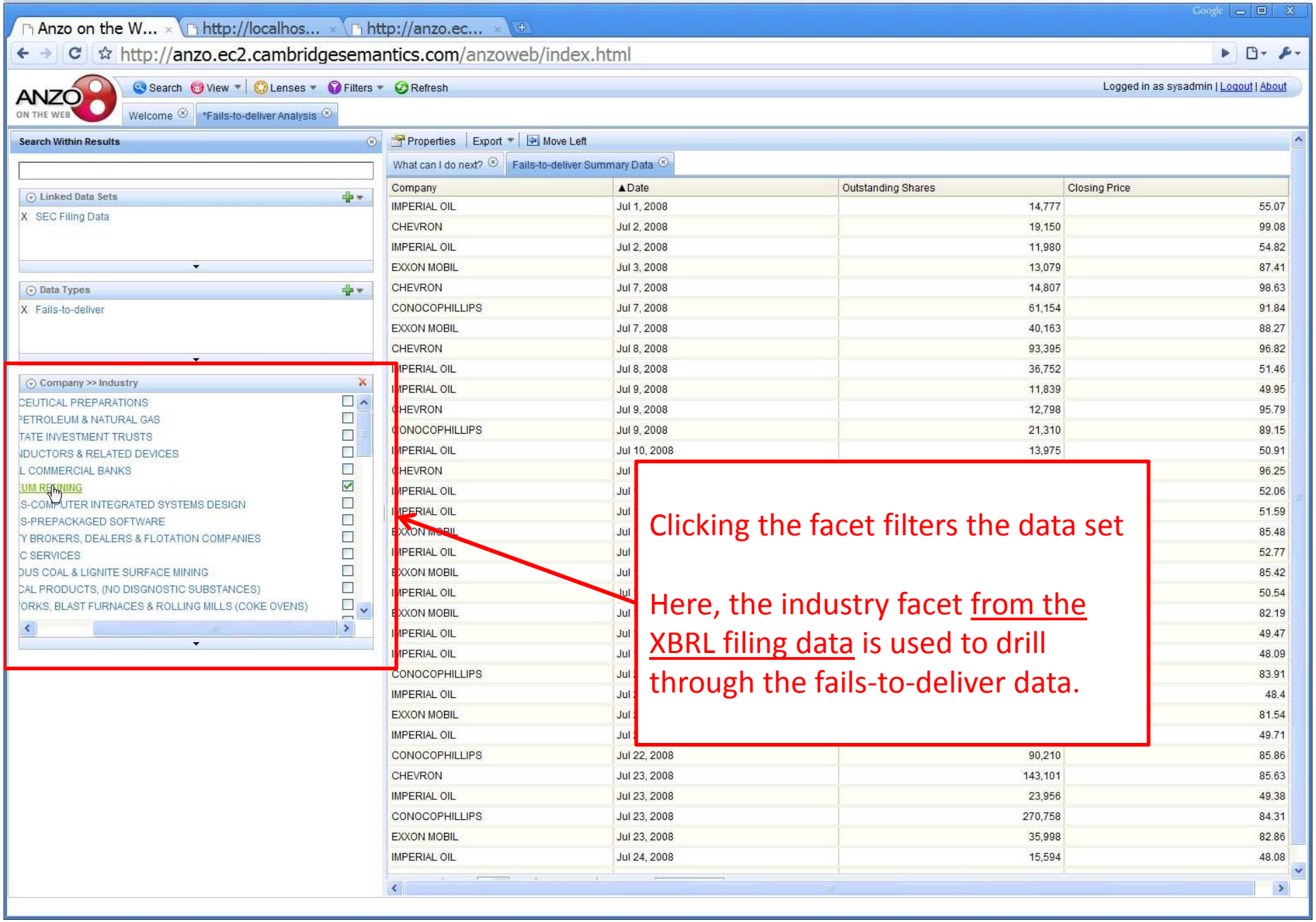
Showing 1 - 50 of 6002
...and filtered.



Anyone can define filters (facets) that let you drill through the data via any property in the ontology.

CAMBRIDGE SEMANTICS
REALIZING THE POTENTIAL


Anzo on the W...
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http://anzo.ec...
http://anzo.ec2.cambridgesemantics.com/anzoweb/index.html
ANZO ON THE WEB
Search
View
Lenses
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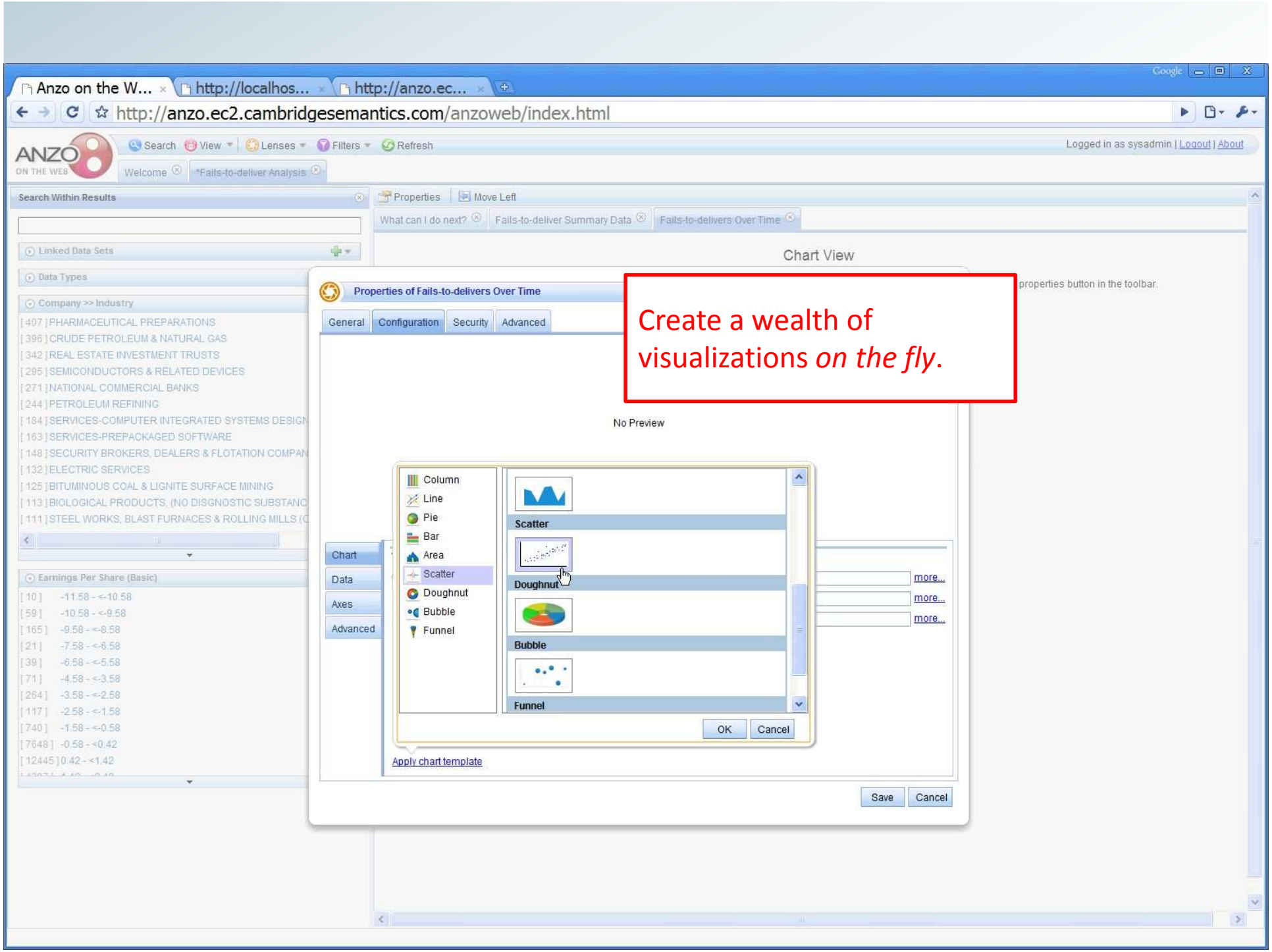
Logged in as sysadmin | Logout | About
Welcome
*Fails-to-deliver Analysis
Search Within Results
Linked Data Sets
X SEC Filing Data
Data Types
X Fails-to-deliver
Company >> Industry
CEUTICAL PREPARATIONS
PETROLEUM & NATURAL GAS
TATE INVESTMENT TRUSTS
NDUCTORS & RELATED DEVICES
L COMMERCIAL BANKS
UM REFINING
S-COMPUTER INTEGRATED SYSTEMS DESIGN
S-PREPACKAGED SOFTWARE
Y BROKERS, DEALERS & FLOTATION COMPANIES
C SERVICES
OUS COAL & LIGNITE SURFACE MINING
CAL PRODUCTS, (NO DISGNOSTIC SUBSTANCES)
ORKS, BLAST FURNACES & ROLLING MILLS (COKE OVENS)
Properties
Export
Move Left
What can I do next?
Fails-to-deliver Summary Data
Company
▲Date
Outstanding Shares
Closing Price
IMPERIAL OIL Jul 1, 2008 14,777 55.07
CHEVRON Jul 2, 2008 19,150 99.08
IMPERIAL OIL Jul 2, 2008 11,980 54.82
EXXON MOBIL Jul 3, 2008 13,079 87.41
CHEVRON Jul 7, 2008 14,807 98.63
CONOCOPHILLIPS Jul 7, 2008 61,154 91.84
EXXON MOBIL Jul 7, 2008 40,163 88.27
CHEVRON Jul 8, 2008 93,395 96.82
IMPERIAL OIL Jul 8, 2008 36,752 51.46
IMPERIAL OIL Jul 9, 2008 11,839 49.95
CHEVRON Jul 9, 2008 12,798 95.79
CONOCOPHILLIPS Jul 9, 2008 21,310 89.15
IMPERIAL OIL Jul 10, 2008 13,975 50.91
CHEVRON Jul 96.25
IMPERIAL OIL Jul 52.06
IMPERIAL OIL Jul 51.59
EXXON MOBIL Jul 85.48
IMPERIAL OIL Jul 52.77
EXXON MOBIL Jul 85.42
IMPERIAL OIL Jul 50.54
EXXON MOBIL Jul 82.19
IMPERIAL OIL Jul 49.47
IMPERIAL OIL Jul 48.09
CONOCOPHILLIPS Jul 83.91
IMPERIAL OIL Jul 48.4
EXXON MOBIL Jul 81.54
IMPERIAL OIL Jul 49.71
CONOCOPHILLIPS Jul 22, 2008 90,210 85.86
CHEVRON Jul 23, 2008 143,101 85.63
IMPERIAL OIL Jul 23, 2008 23,956 49.38
CONOCOPHILLIPS Jul 23, 2008 270,758 84.31
EXXON MOBIL Jul 23, 2008 35,998 82.86
IMPERIAL OIL Jul 24, 2008 15,594 48.08
Clicking the facet filters the data set
Here, the industry facet from the XBRL filing data is used to drill through the fails-to-deliver data.


Anzo on the W...
http://localhos...
http://anzo.ec...
http://anzo.ec2.cambridgesemantics.com/anzoweb/index.html
ANZO ON THE WEB
Search
View
Lenses
Filters
Refresh
Logged in as sysadmin | Logout | About
Welcome
*Fails-to-deliver Analysis
Search Within Results
Linked Data Sets
Data Types
Company >> Industry
[407] PHARMACEUTICAL PREPARATIONS
[396] CRUDE PETROLEUM & NATURAL GAS
[342] REAL ESTATE INVESTMENT TRUSTS
[295] SEMICONDUCTORS & RELATED DEVICES
[271] NATIONAL COMMERCIAL BANKS
[244] PETROLEUM REFINING
[184] SERVICES-COMPUTER INTEGRATED SYSTEMS DESIGN
[163] SERVICES-PREPACKAGED SOFTWARE
[148] SECURITY BROKERS, DEALERS & FLOTATION COMPAN
[132] ELECTRIC SERVICES
[125] BITUMINOUS COAL & LIGNITE SURFACE MINING
[113] BIOLOGICAL PRODUCTS, (NO DISGNOSTIC SUBSTANC
[111] STEEL WORKS, BLAST FURNACES & ROLLING MILLS (C
Earnings Per Share (Basic)
[10] -11.58 - <-10.58
[59] -10.58 - <-9.58
[165] -9.58 - <-8.58
[21] -7.58 - <-6.58
[39] -6.58 - <-5.58
[71] -4.58 - <-3.58
[264] -3.58 - <-2.58
[117] -2.58 - <-1.58
[740] -1.58 - <-0.58
[7648] -0.58 - <0.42
[12445] 0.42 - <1.42
Properties
Move Left
What can I do next?
Fails-to-deliver Summary Data
Fails-to-delivers Over Time
Chart View
properties button in the toolbar.
Properties of Fails-to-delivers Over Time
General
Configuration
Security
Advanced
No Preview
Chart
Data
Axes
Advanced
Column
Line
Pie
Bar
Area
Scatter
Doughnut
Bubble
Funnel
Scatter
Doughnut
Bubble
Funnel
more...
more...
more...
OK
Cancel
Apply chart template
Save
Cancel
Create a wealth of visualizations *on the fly*.

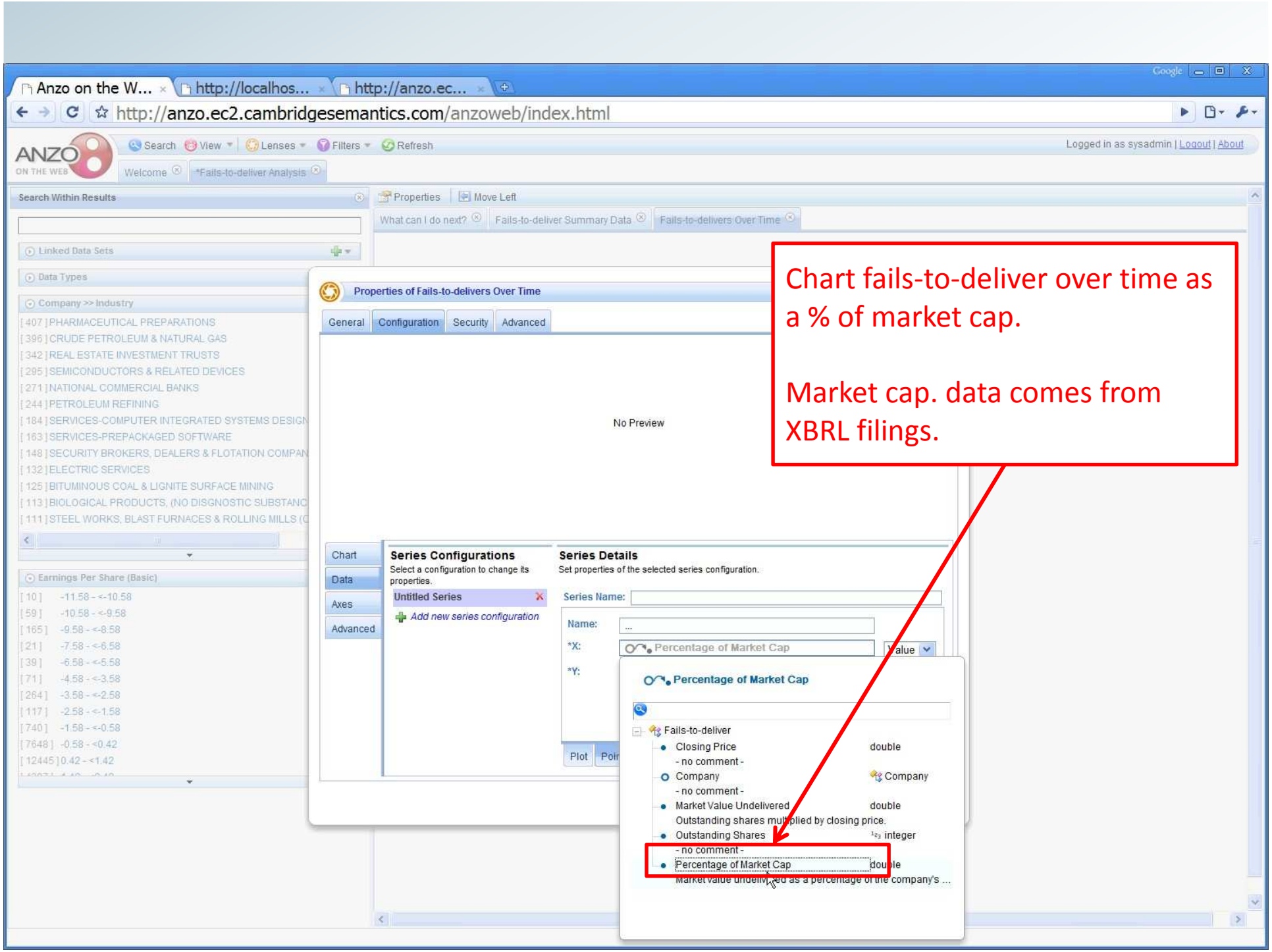


Chart fails-to-deliver over time as a % of market cap.
Market cap. data comes from XBRL filings.
Anzo on the W...
http://localhos...
http://anzo.ec...
http://anzo.ec2.cambridgesemantics.com/anzoweb/index.html
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Lenses
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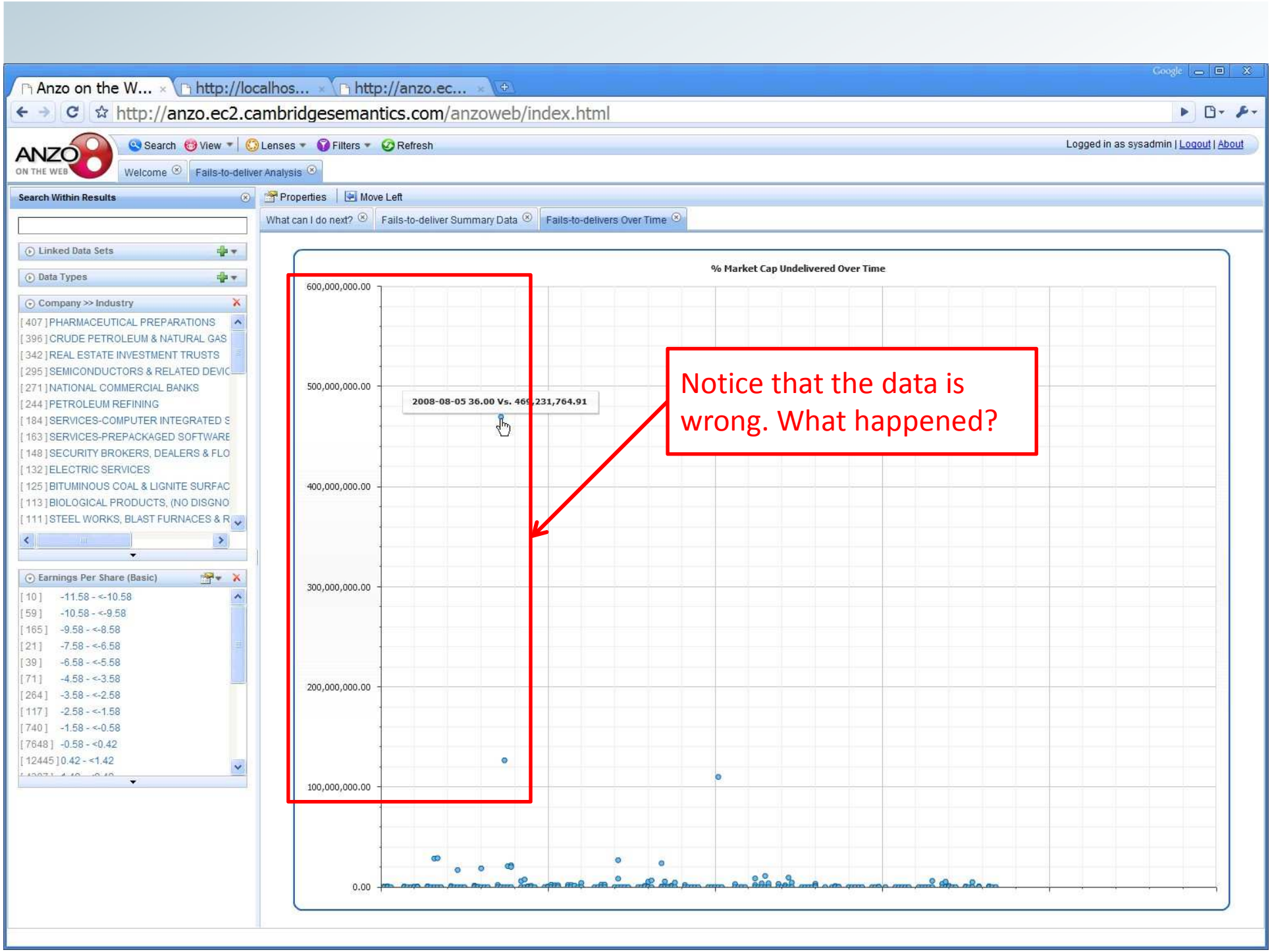
Logged in as sysadmin | Logout | About
Welcome
*Fails-to-deliver Analysis
Search Within Results
Properties
Move Left
What can I do next?
Fails-to-deliver Summary Data
Fails-to-delivers Over Time
Linked Data Sets
Data Types
Company >> Industry
[407] PHARMACEUTICAL PREPARATIONS
[396] CRUDE PETROLEUM & NATURAL GAS
[342] REAL ESTATE INVESTMENT TRUSTS
[295] SEMICONDUCTORS & RELATED DEVICES
[271] NATIONAL COMMERCIAL BANKS
[244] PETROLEUM REFINING
[184] SERVICES-COMPUTER INTEGRATED SYSTEMS DESIGN
[163] SERVICES-PREPACKAGED SOFTWARE
[148] SECURITY BROKERS, DEALERS & FLOTATION COMPAN
[132] ELECTRIC SERVICES
[125] BITUMINOUS COAL & LIGNITE SURFACE MINING
[113] BIOLOGICAL PRODUCTS, (NO DISGNOSTIC SUBSTANC
[111] STEEL WORKS, BLAST FURNACES & ROLLING MILLS (C
Earnings Per Share (Basic)
[10] -11.58 - <-10.58
[59] -10.58 - <-9.58
[165] -9.58 - <-8.58
[21] -7.58 - <-6.58
[39] -6.58 - <-5.58
[71] -4.58 - <-3.58
[264] -3.58 - <-2.58
[117] -2.58 - <-1.58
[740] -1.58 - <-0.58
[7648] -0.58 - <0.42
[12445] 0.42 - <1.42
Properties of Fails-to-delivers Over Time
General
Configuration
Security
Advanced
No Preview
Chart
Data
Axes
Advanced
Series Configurations
Select a configuration to change its properties.
Untitled Series
Add new series configuration
Series Details
Set properties of the selected series configuration.
Series Name:
Name:
*X:
Percentage of Market Cap
Value
*Y:
Plot
Percentage of Market Cap
Fails-to-deliver
Closing Price
double
- no comment -
Company
Company
- no comment -
Market Value Undelivered
double
Outstanding shares multiplied by closing price.
Outstanding Shares
integer
- no comment -
Percentage of Market Cap
double


Anzo on the W...
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ANZO ON THE WEB
Search
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Filters
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Logged in as sysadmin | Logout | About
Welcome
Fails-to-deliver Analysis
Search Within Results
Properties
Move Left
What can I do next?
Fails-to-deliver Summary Data
Fails-to-delivers Over Time
Linked Data Sets
Data Types
Company >> Industry
[407] PHARMACEUTICAL PREPARATIONS
[396] CRUDE PETROLEUM & NATURAL GAS
[342] REAL ESTATE INVESTMENT TRUSTS
[295] SEMICONDUCTORS & RELATED DEVIC
[271] NATIONAL COMMERCIAL BANKS
[244] PETROLEUM REFINING
[184] SERVICES-COMPUTER INTEGRATED S
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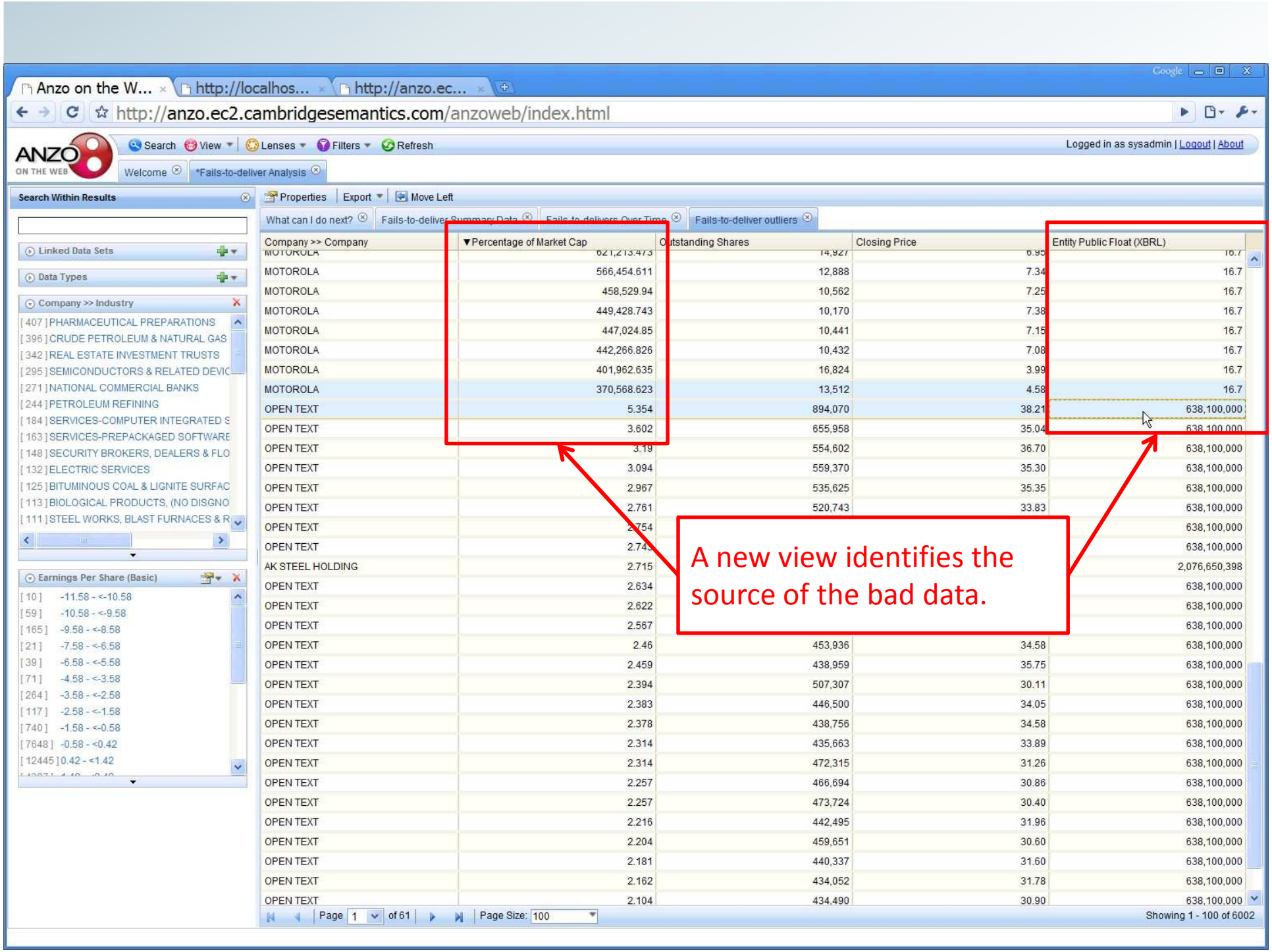
[148] SECURITY BROKERS, DEALERS & FLO
[132] ELECTRIC SERVICES
[125] BITUMINOUS COAL & LIGNITE SURFAC
[113] BIOLOGICAL PRODUCTS, (NO DISGNO
[111] STEEL WORKS, BLAST FURNACES & R
Earnings Per Share (Basic)
[10] -11.58 - <-10.58
[59] -10.58 - <-9.58
[165] -9.58 - <-8.58
[21] -7.58 - <-6.58
[39] -6.58 - <-5.58
[71] -4.58 - <-3.58
[264] -3.58 - <-2.58
[117] -2.58 - <-1.58
[740] -1.58 - <-0.58
[7648] -0.58 - <0.42
[12445] 0.42 - <1.42
% Market Cap Undelivered Over Time
600,000,000.00
500,000,000.00
400,000,000.00
300,000,000.00
200,000,000.00
100,000,000.00
0.00
2008-08-05 36.00 Vs. 469,231,764.91
Notice that the data is wrong. What happened?


Anzo on the W...
http://localhos...
http://anzo.ec...
http://anzo.ec2.cambridgesemantics.com/anzoweb/index.html
ANZO ON THE WEB
Search
View
Lenses
Filters
Refresh
Logged in as sysadmin | Logout | About
Welcome
*Fails-to-deliver Analysis
Search Within Results
Linked Data Sets
Data Types
Company >> Industry
[407] PHARMACEUTICAL PREPARATIONS
[396] CRUDE PETROLEUM & NATURAL GAS
[342] REAL ESTATE INVESTMENT TRUSTS
[295] SEMICONDUCTORS & RELATED DEVIC
[271] NATIONAL COMMERCIAL BANKS
[244] PETROLEUM REFINING
[184] SERVICES-COMPUTER INTEGRATED S
[163] SERVICES-PREPACKAGED SOFTWARE
[148] SECURITY BROKERS, DEALERS & FLO
[132] ELECTRIC SERVICES
[125] BITUMINOUS COAL & LIGNITE SURFAC
[113] BIOLOGICAL PRODUCTS, (NO DISGNO
[111] STEEL WORKS, BLAST FURNACES & R
Earnings Per Share (Basic)
[10] -11.58 - <-10.58
[59] -10.58 - <-9.58
[165] -9.58 - <-8.58
[21] -7.58 - <-6.58
[39] -6.58 - <-5.58
[71] -4.58 - <-3.58
[264] -3.58 - <-2.58
[117] -2.58 - <-1.58
[740] -1.58 - <-0.58
[7648] -0.58 - <0.42
[12445] 0.42 - <1.42
Properties
Export
Move Left
What can I do next?
Fails-to-deliver Summary Data
Fails-to-delivers Over Time
Fails-to-deliver outliers
Company >> Company
▼Percentage of Market Cap
Outstanding Shares
Closing Price
Entity Public Float (XBRL)
MOTOROLA 621,213.473 14,927 6.95 16.7
MOTOROLA 566,454.611 12,888 7.34 16.7
MOTOROLA 458,529.94 10,562 7.25 16.7
MOTOROLA 449,428.743 10,170 7.38 16.7
MOTOROLA 447,024.85 10,441 7.15 16.7
MOTOROLA 442,266.826 10,432 7.08 16.7
MOTOROLA 401,962.635 16,824 3.99 16.7
MOTOROLA 370,568.623 13,512 4.58 16.7
OPEN TEXT 5.354 894,070 38.21 638,100,000
OPEN TEXT 3.602 655,958 35.04 638,100,000
OPEN TEXT 3.19 554,602 36.70 638,100,000
OPEN TEXT 3.094 559,370 35.30 638,100,000
OPEN TEXT 2.967 535,625 35.35 638,100,000
OPEN TEXT 2.761 520,743 33.83 638,100,000
OPEN TEXT 2.754 638,100,000
OPEN TEXT 2.743 638,100,000
AK STEEL HOLDING 2.715 2,076,650,398
OPEN TEXT 2.634 638,100,000
OPEN TEXT 2.622 638,100,000
OPEN TEXT 2.567 638,100,000
OPEN TEXT 2.46 453,936 34.58 638,100,000
OPEN TEXT 2.459 438,959 35.75 638,100,000
OPEN TEXT 2.394 507,307 30.11 638,100,000
OPEN TEXT 2.383 446,500 34.05 638,100,000
OPEN TEXT 2.378 438,756 34.58 638,100,000
OPEN TEXT 2.314 435,663 33.89 638,100,000
OPEN TEXT 2.314 472,315 31.26 638,100,000
OPEN TEXT 2.257 466,694 30.86 638,100,000
OPEN TEXT 2.257 473,724 30.40 638,100,000
OPEN TEXT 2.216 442,495 31.96 638,100,000
OPEN TEXT 2.204 459,651 30.60 638,100,000
OPEN TEXT 2.181 440,337 31.60 638,100,000
OPEN TEXT 2.162 434,052 31.78 638,100,000
OPEN TEXT 2.104 434,490 30.90 638,100,000
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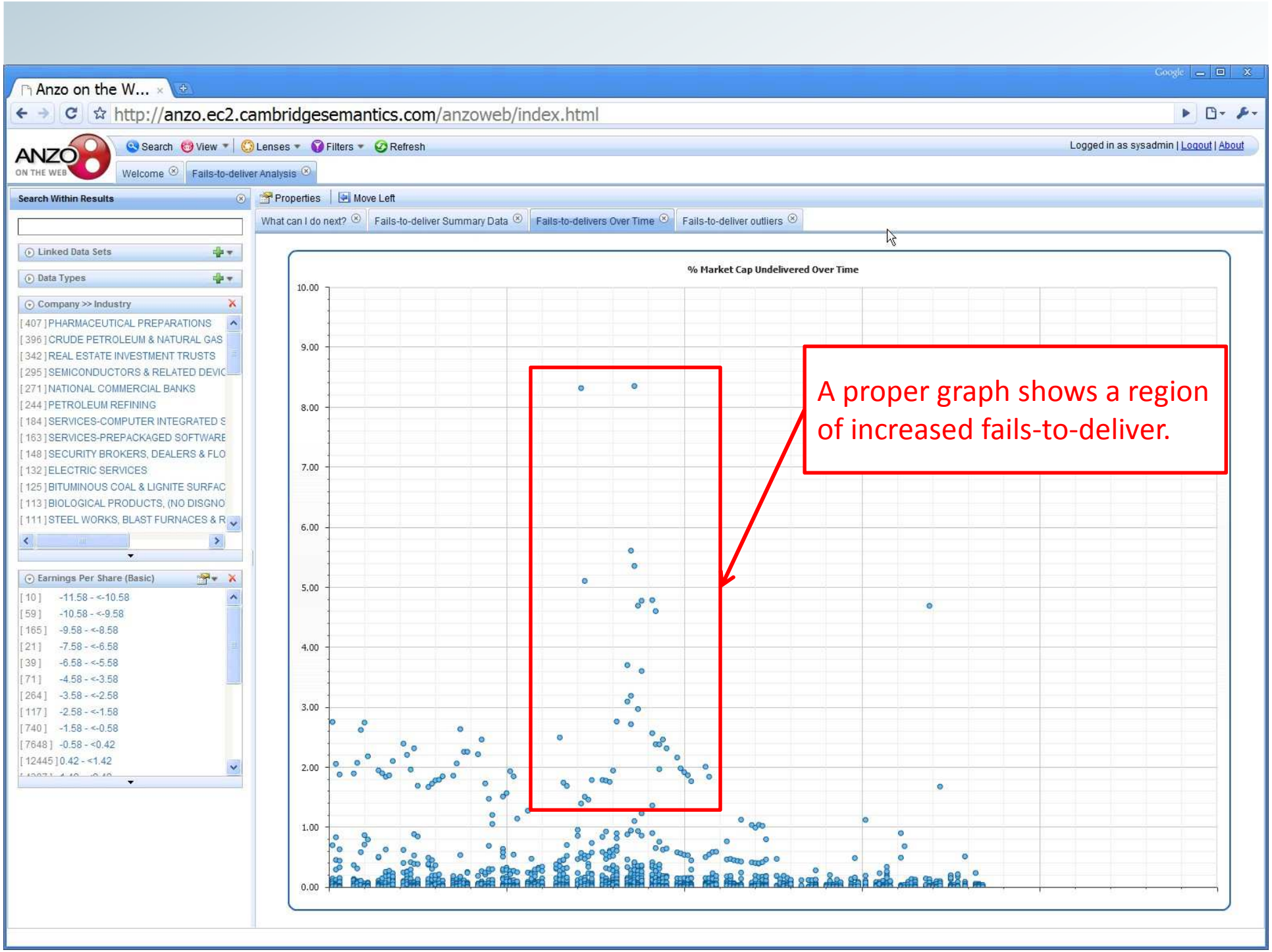
A new view identifies the source of the bad data.


Anzo on the W...
http://anzo.ec2.cambridgesemantics.com/anzoweb/index.html
ANZO ON THE WEB
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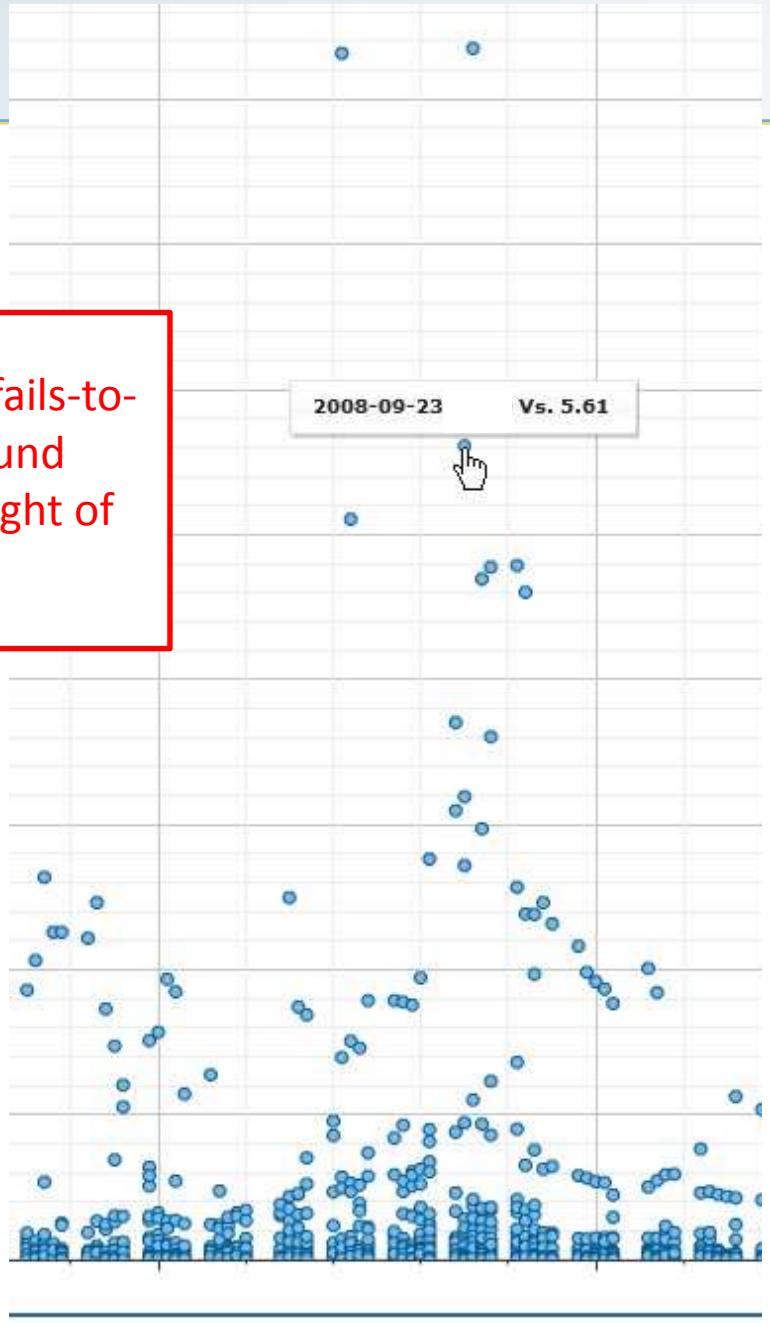
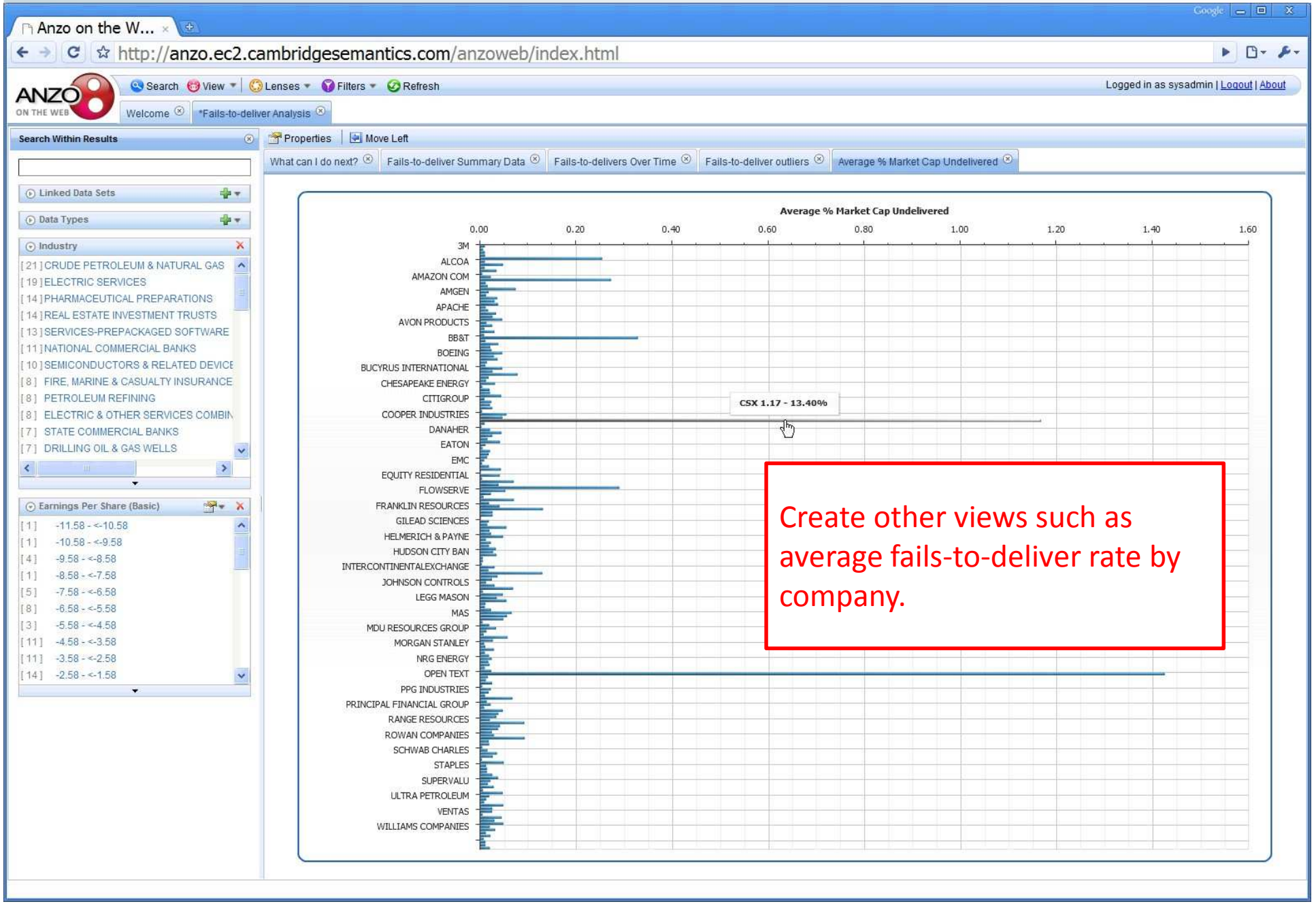
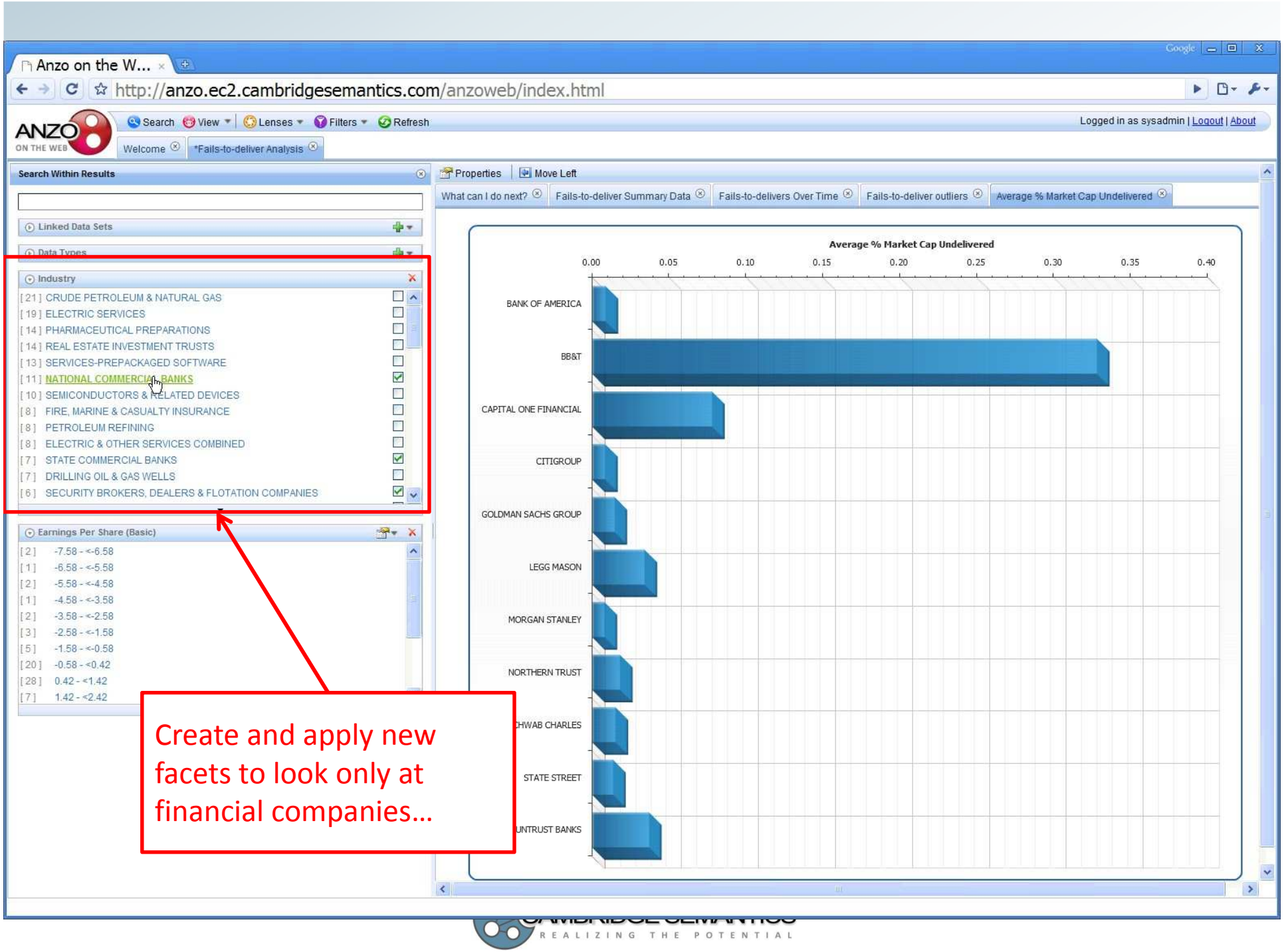
Company >> Industry
[407] PHARMACEUTICAL PREPARATIONS
[396] CRUDE PETROLEUM & NATURAL GAS
[342] REAL ESTATE INVESTMENT TRUSTS
[295] SEMICONDUCTORS & RELATED DEVIC
[271] NATIONAL COMMERCIAL BANKS
[244] PETROLEUM REFINING
[184] SERVICES-COMPUTER INTEGRATED S
[163] SERVICES-PREPACKAGED SOFTWARE
[148] SECURITY BROKERS, DEALERS & FLO
[132] ELECTRIC SERVICES
[125] BITUMINOUS COAL & LIGNITE SURFAC
[113] BIOLOGICAL PRODUCTS, (NO DISGNO
[111] STEEL WORKS, BLAST FURNACES & R
Earnings Per Share (Basic)
[10] -11.58 - <-10.58
[59] -10.58 - <-9.58
[165] -9.58 - <-8.58
[21] -7.58 - <-6.58
[39] -6.58 - <-5.58
[71] -4.58 - <-3.58
[264] -3.58 - <-2.58
[117] -2.58 - <-1.58
[740] -1.58 - <-0.58
[7648] -0.58 - <0.42
[12445] 0.42 - <1.42
Properties
Move Left
What can I do next?
Fails-to-deliver Summary Data
Fails-to-delivers Over Time
Fails-to-deliver outliers
% Market Cap Undelivered Over Time
10.00
9.00
8.00
7.00
6.00
5.00
4.00
3.00
2.00
1.00
0.00
A proper graph shows a region of increased fails-to-deliver.

Note that the increased fails-to-deliver are clustered around September 2008, the height of the subprime crisis.




Anzo on the W...
http://anzo.ec2.cambridgesemantics.com/anzoweb/index.html
ANZO ON THE WEB
Search
View
Lenses
Filters
Refresh
Logged in as sysadmin | Logout | About
Welcome
*Fails-to-deliver Analysis
Search Within Results
Linked Data Sets
Data Types
Industry
[21] CRUDE PETROLEUM & NATURAL GAS
[19] ELECTRIC SERVICES
[14] PHARMACEUTICAL PREPARATIONS
[14] REAL ESTATE INVESTMENT TRUSTS
[13] SERVICES-PREPACKAGED SOFTWARE
[11] NATIONAL COMMERCIAL BANKS
[10] SEMICONDUCTORS & RELATED DEVICE
[8] FIRE, MARINE & CASUALTY INSURANCE
[8] PETROLEUM REFINING
[8] ELECTRIC & OTHER SERVICES COMBIN
[7] STATE COMMERCIAL BANKS
[7] DRILLING OIL & GAS WELLS
Earnings Per Share (Basic)
[1] -11.58 - <-10.58
[1] -10.58 - <-9.58
[4] -9.58 - <-8.58
[1] -8.58 - <-7.58
[5] -7.58 - <-6.58
[8] -6.58 - <-5.58
[3] -5.58 - <-4.58
[11] -4.58 - <-3.58
[11] -3.58 - <-2.58
[14] -2.58 - <-1.58
Properties
Move Left
What can I do next?
Fails-to-deliver Summary Data
Fails-to-delivers Over Time
Fails-to-deliver outliers
Average % Market Cap Undelivered
Average % Market Cap Undelivered
0.00
0.20
0.40
0.60
0.80
1.00
1.20
1.40
1.60
3M
ALCOA
AMAZON COM
AMGEN
APACHE
AVON PRODUCTS
BB&T
BOEING
BUCYRUS INTERNATIONAL
CHESAPEAKE ENERGY
CITIGROUP
COOPER INDUSTRIES
DANAHER
EATON
EMC
EQUITY RESIDENTIAL
FLOWSERVE
FRANKLIN RESOURCES
GILEAD SCIENCES
HELMERICH & PAYNE
HUDSON CITY BAN
INTERCONTINENTALEXCHANGE
JOHNSON CONTROLS
LEGG MASON
MAS
MDU RESOURCES GROUP
MORGAN STANLEY
NRG ENERGY
OPEN TEXT
PPG INDUSTRIES
PRINCIPAL FINANCIAL GROUP
RANGE RESOURCES
ROWAN COMPANIES
SCHWAB CHARLES
STAPLES
SUPERVALU
ULTRA PETROLEUM
VENTAS
WILLIAMS COMPANIES
CSX 1.17 - 13.40%
Create other views such as average fails-to-deliver rate by company.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[8] FIRE, MARINE & CASUALTY INSURANCE
[8] PETROLEUM REFINING
[8] ELECTRIC & OTHER SERVICES COMBINED
[7] STATE COMMERCIAL BANKS
[7] DRILLING OIL & GAS WELLS
[6] SECURITY BROKERS, DEALERS & FLOTATION COMPANIES
Earnings Per Share (Basic)
[2] -7.58 - <-6.58
[1] -6.58 - <-5.58
[2] -5.58 - <-4.58
[1] -4.58 - <-3.58
[2] -3.58 - <-2.58
[3] -2.58 - <-1.58
[5] -1.58 - <-0.58
[20] -0.58 - <0.42
[28] 0.42 - <1.42
[7] 1.42 - <2.42
Properties
Move Left
What can I do next?
Fails-to-deliver Summary Data
Fails-to-delivers Over Time
Fails-to-deliver outliers
Average % Market Cap Undelivered
Average % Market Cap Undelivered
0.00
0.05
0.10
0.15
0.20
0.25
0.30
0.35
0.40
BANK OF AMERICA
BB&T
CAPITAL ONE FINANCIAL
CITIGROUP
GOLDMAN SACHS GROUP
LEGG MASON
MORGAN STANLEY
NORTHERN TRUST
CHWAB CHARLES
STATE STREET
UNTRUST BANKS
Create and apply new facets to look only at financial companies…

XBRL Meets Semantic Standards

Love at First Sight?

Structure + Meaning = Understanding

- Reusable Data
- Collaboration
- Agility…

At Least a Great Match

Practical Semantics Applied to Recovery.gov

Simple Questions, Hard to Answer

Example:

Is there a correlation between geographic distribution of recovery dollars, population and new jobs created?

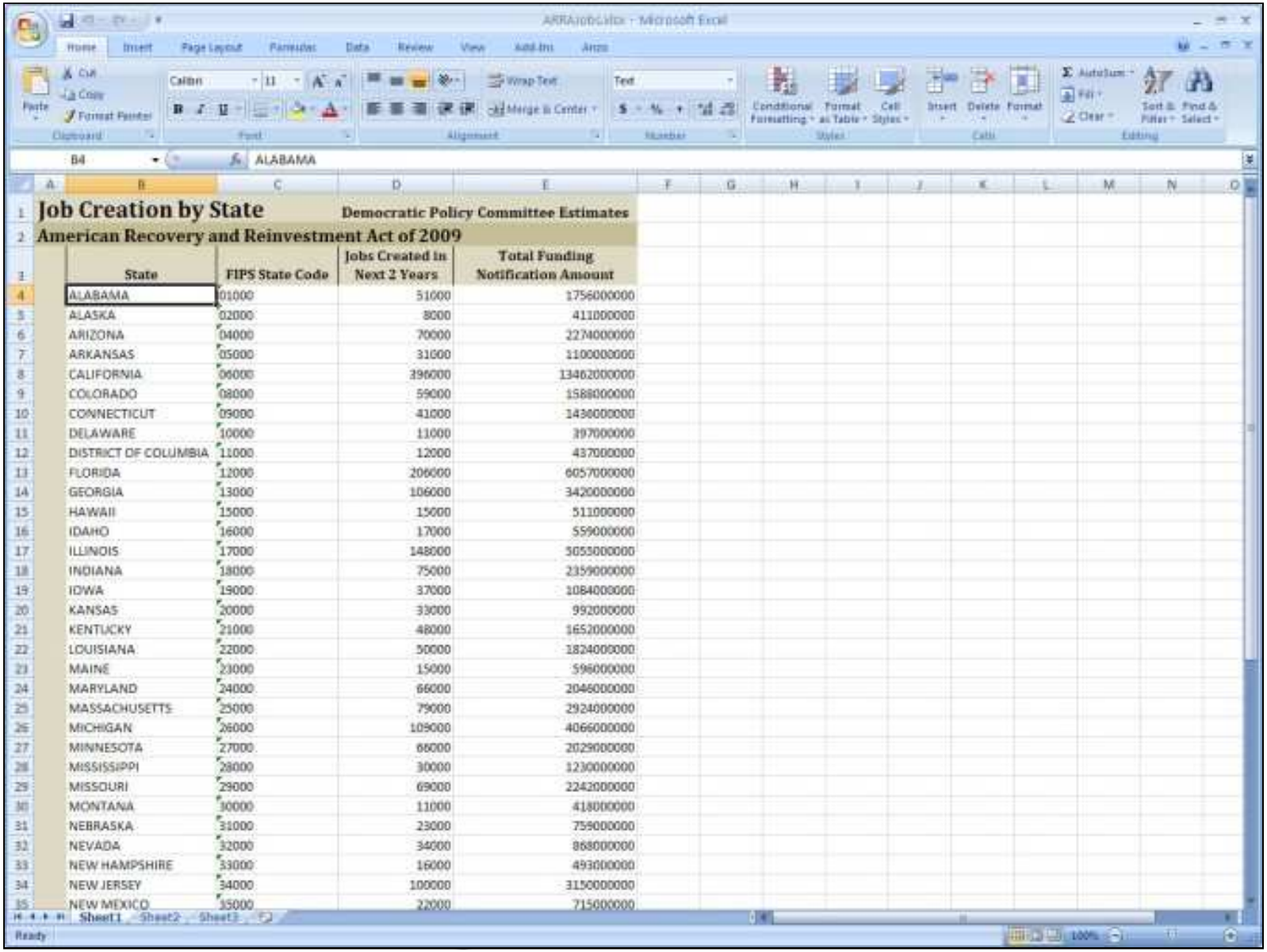
To get the answer, you need to know:

- Recovery spending by state
- Population by state
- New jobs by state

Recovery.gov alone cannot answer this question

CAMBRIDGE SEMANTICS
REALIZING THE POTENTIAL

The Answers Live in Three Sources

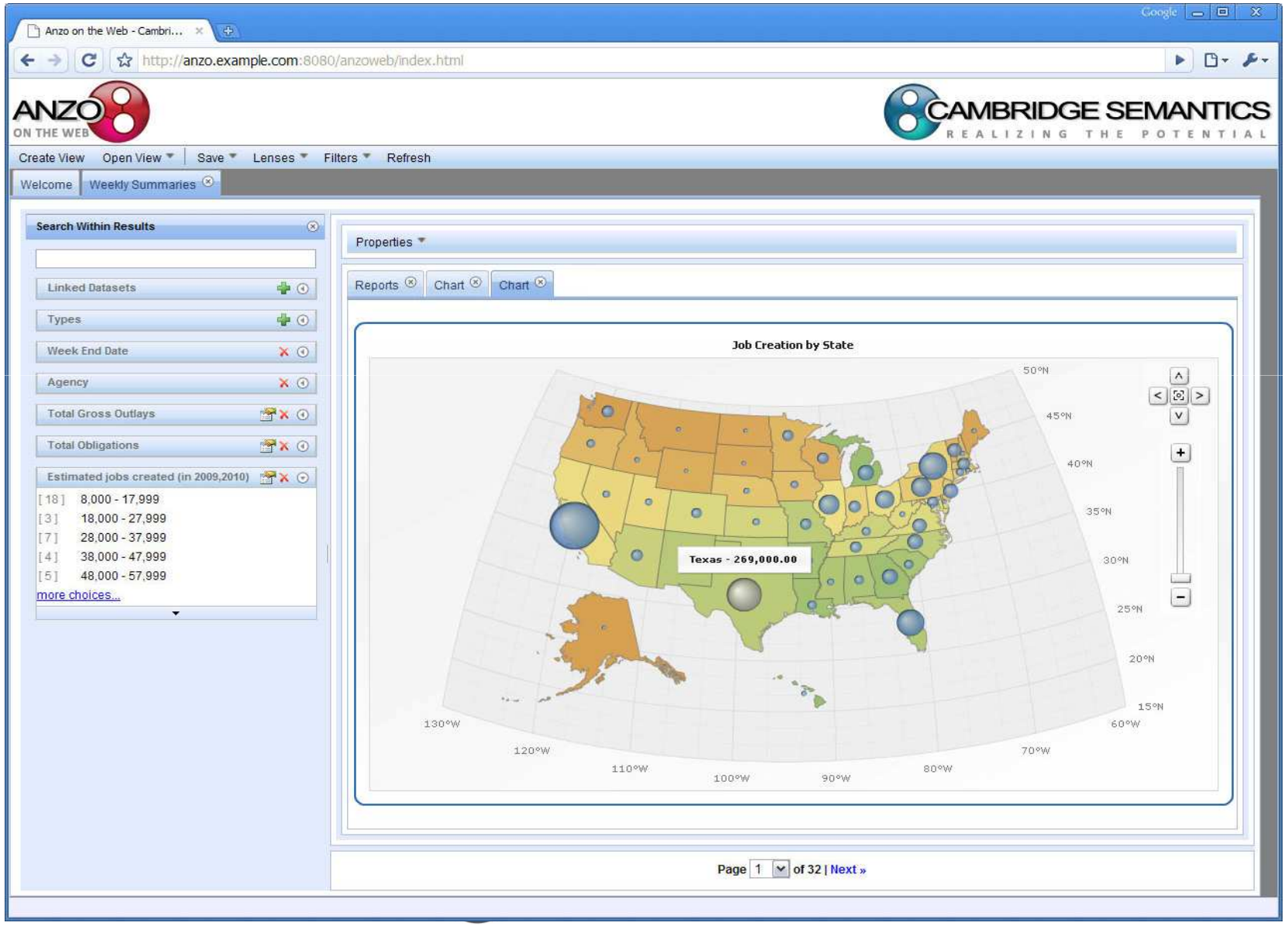


Job Creation by State — Democratic Policy Committee Estimates

American Recovery and Reinvestment Act of 2009

State	FIPS State Code	Jobs Created in Next 2 Years	Total Funding Notification Amount
ALABAMA	01000	51000	1756000000
ALASKA	02000	8000	411000000
ARIZONA	04000	70000	2274000000
ARKANSAS	05000	31000	1100000000
CALIFORNIA	06000	396000	13462000000
COLORADO	08000	59000	1588000000
CONNECTICUT	09000	41000	1436000000
DELAWARE	10000	11000	397000000
DISTRICT OF COLUMBIA	11000	12000	437000000
FLORIDA	12000	206000	6057000000
GEORGIA	13000	106000	3420000000
HAWAII	15000	15000	511000000
IDAHO	16000	17000	559000000
ILLINOIS	17000	148000	5053000000
INDIANA	18000	75000	2359000000
IOWA	19000	37000	1084000000
KANSAS	20000	33000	992000000
KENTUCKY	21000	48000	1652000000
LOUISIANA	22000	50000	1824000000
MAINE	23000	15000	596000000
MARYLAND	24000	66000	2046000000
MASSACHUSETTS	25000	79000	2924000000
MICHIGAN	26000	109000	4066000000
MINNESOTA	27000	66000	2029000000
MISSISSIPPI	28000	30000	1230000000
MISSOURI	29000	69000	2242000000
MONTANA	30000	11000	418000000
NEBRASKA	31000	23000	759000000
NEVADA	32000	34000	868000000
NEW HAMPSHIRE	33000	16000	493000000
NEW JERSEY	34000	100000	3150000000
NEW MEXICO	35000	22000	715000000

Like This…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REALIZING THE POTENTIAL
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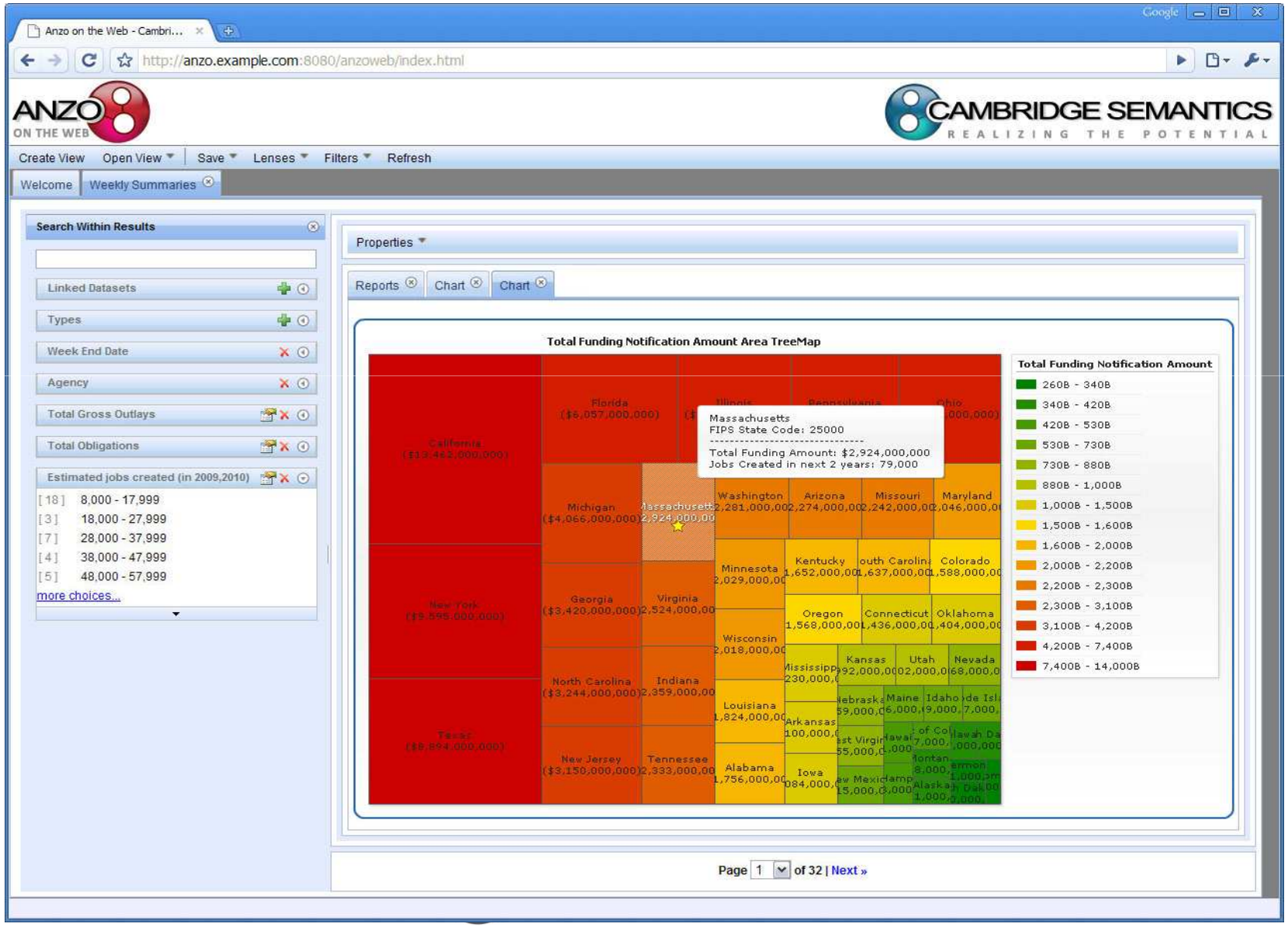
Open View
Save
Lenses
Filters
Refresh
Welcome
Weekly Summaries
Search Within Results
Linked Datasets
Types
Week End Date
Agency
Total Gross Outlays
Total Obligations
Estimated jobs created (in 2009,2010)
[18] 8,000 - 17,999
[3] 18,000 - 27,999
[7] 28,000 - 37,999
[4] 38,000 - 47,999
[5] 48,000 - 57,999
more choices...
Properties
Reports
Chart
Chart
Job Creation by State
Texas - 269,000.00
50°N
45°N
40°N
35°N
30°N
25°N
20°N
15°N
130°W
120°W
110°W
100°W
90°W
80°W
70°W
60°W
Page 1 of 32 | Next »

Or this…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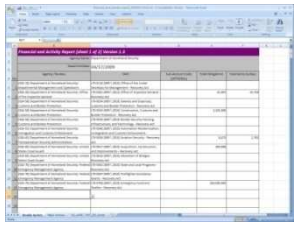
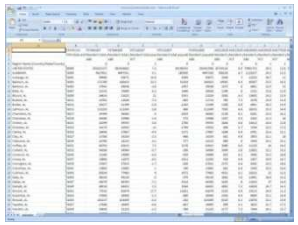
[4] 38,000 - 47,999
[5] 48,000 - 57,999
more choices...
Properties
Reports
Chart
Chart
Total Funding Notification Amount Area TreeMap
Massachusetts
FIPS State Code: 25000
Total Funding Amount: $2,924,000,000
Jobs Created in next 2 years: 79,000
Total Funding Notification Amount
260B - 340B
340B - 420B
420B - 530B
530B - 730B
730B - 880B
880B - 1,000B
1,000B - 1,500B
1,500B - 1,600B
1,600B - 2,000B
2,000B - 2,200B
2,200B - 2,300B
2,300B - 3,100B
3,100B - 4,200B
4,200B - 7,400B
7,400B - 14,000B
Page 1 of 32 | Next »

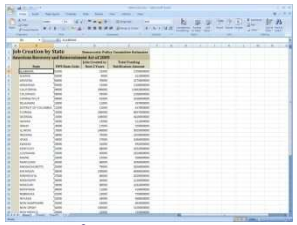
How it's Done:

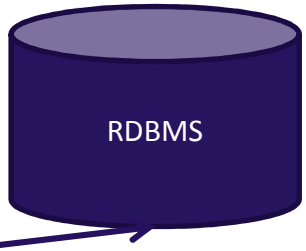
Leave Data Where it Lives and...

1. Link Source Data to the Anzo Data Collaboration Server

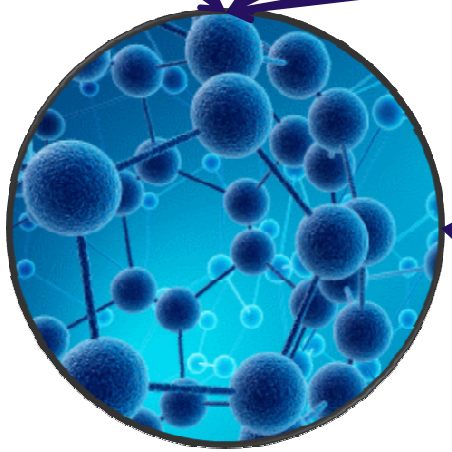




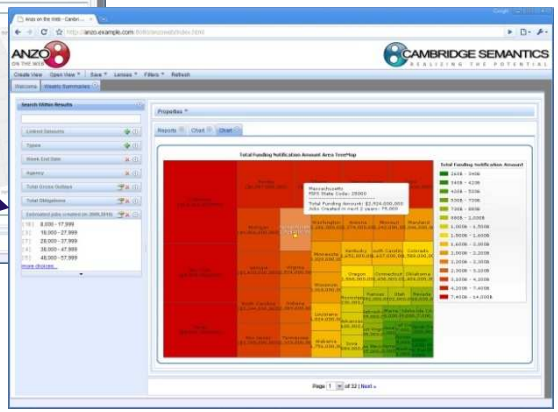




2. Let the user "draw" a picture of what they want



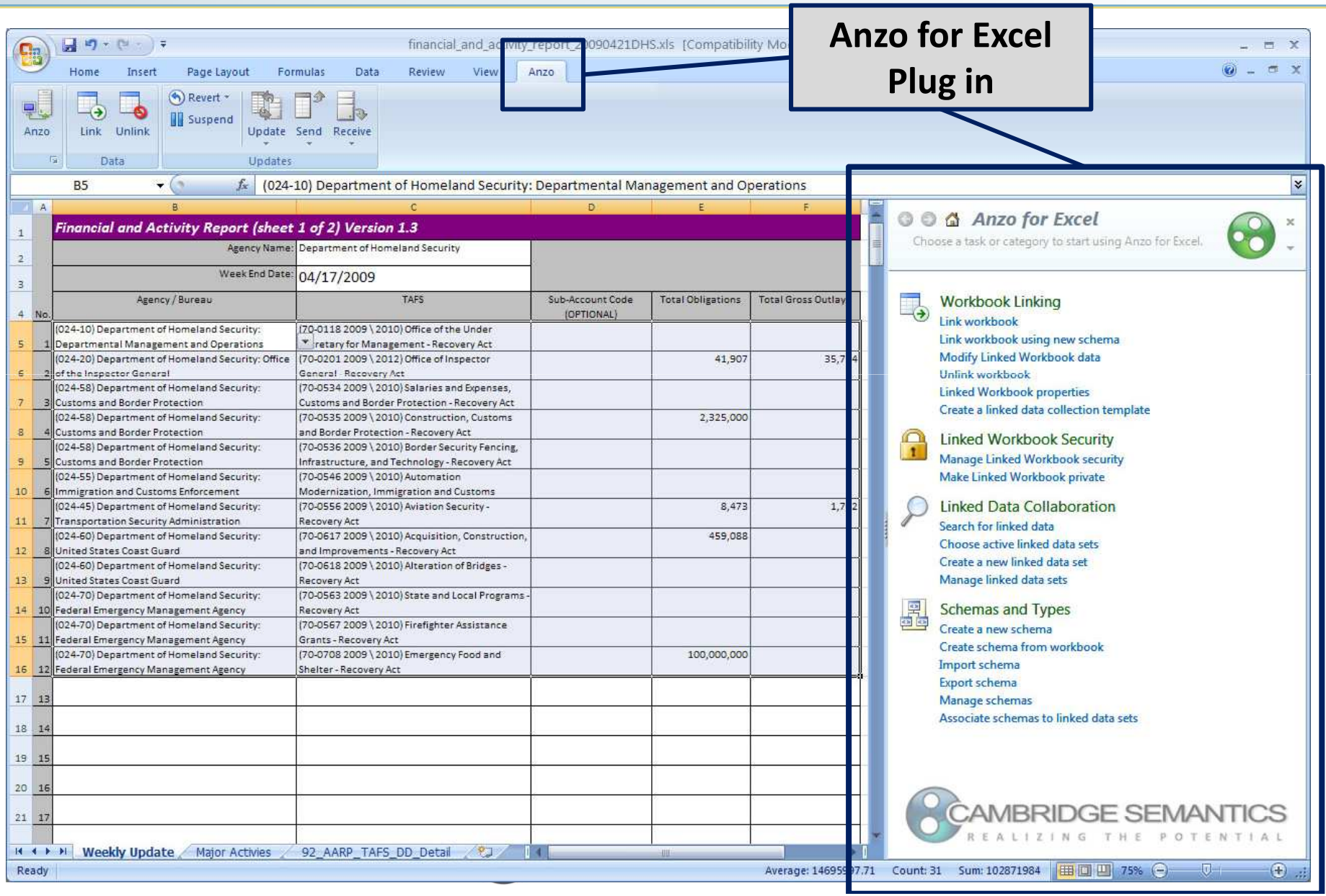
Anzo Data Collaboration Server



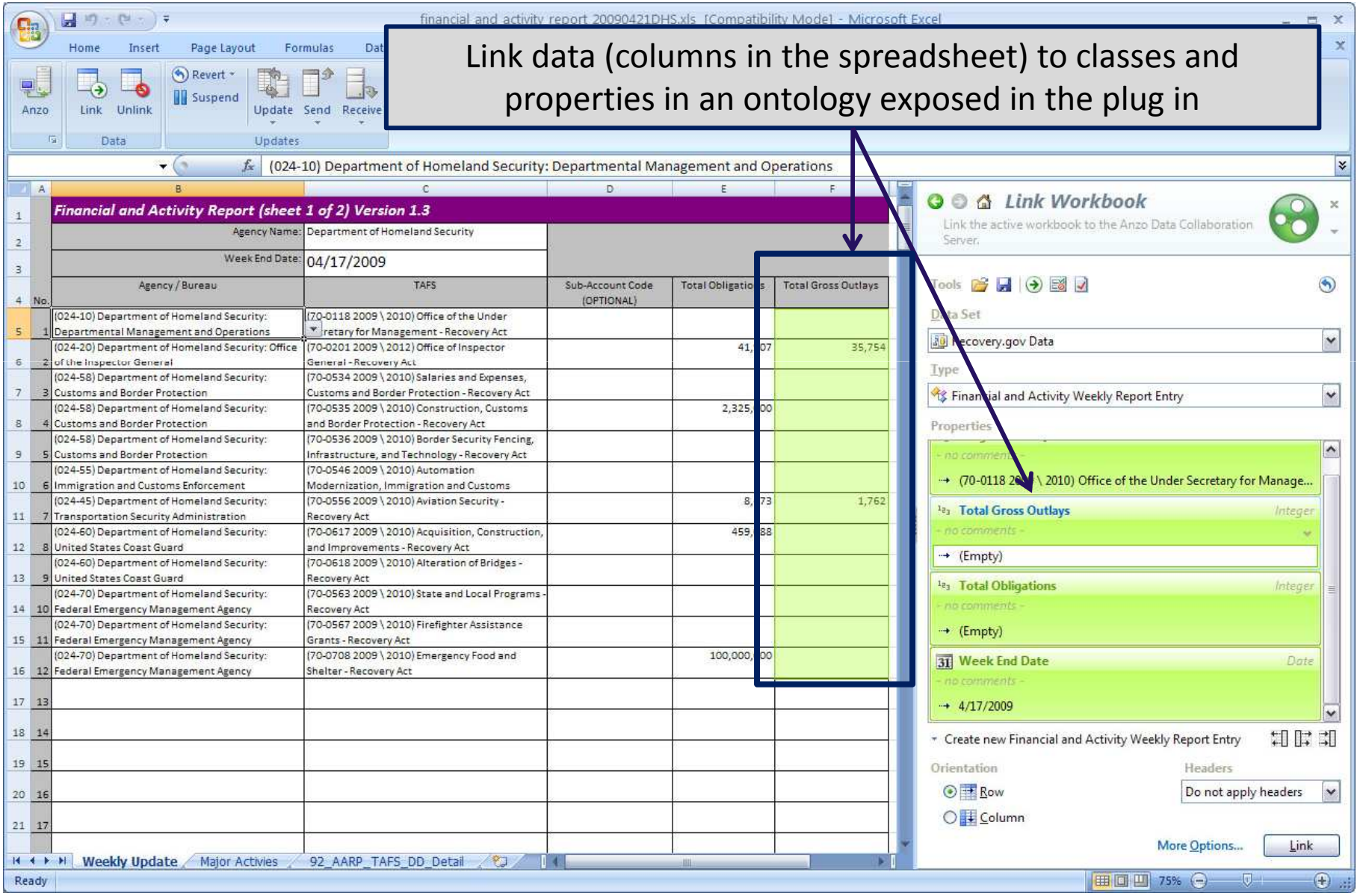
3. Fill the picture with the appropriate data

CAMBRIDGE SEMANTICS
REALIZING THE POTENTIAL

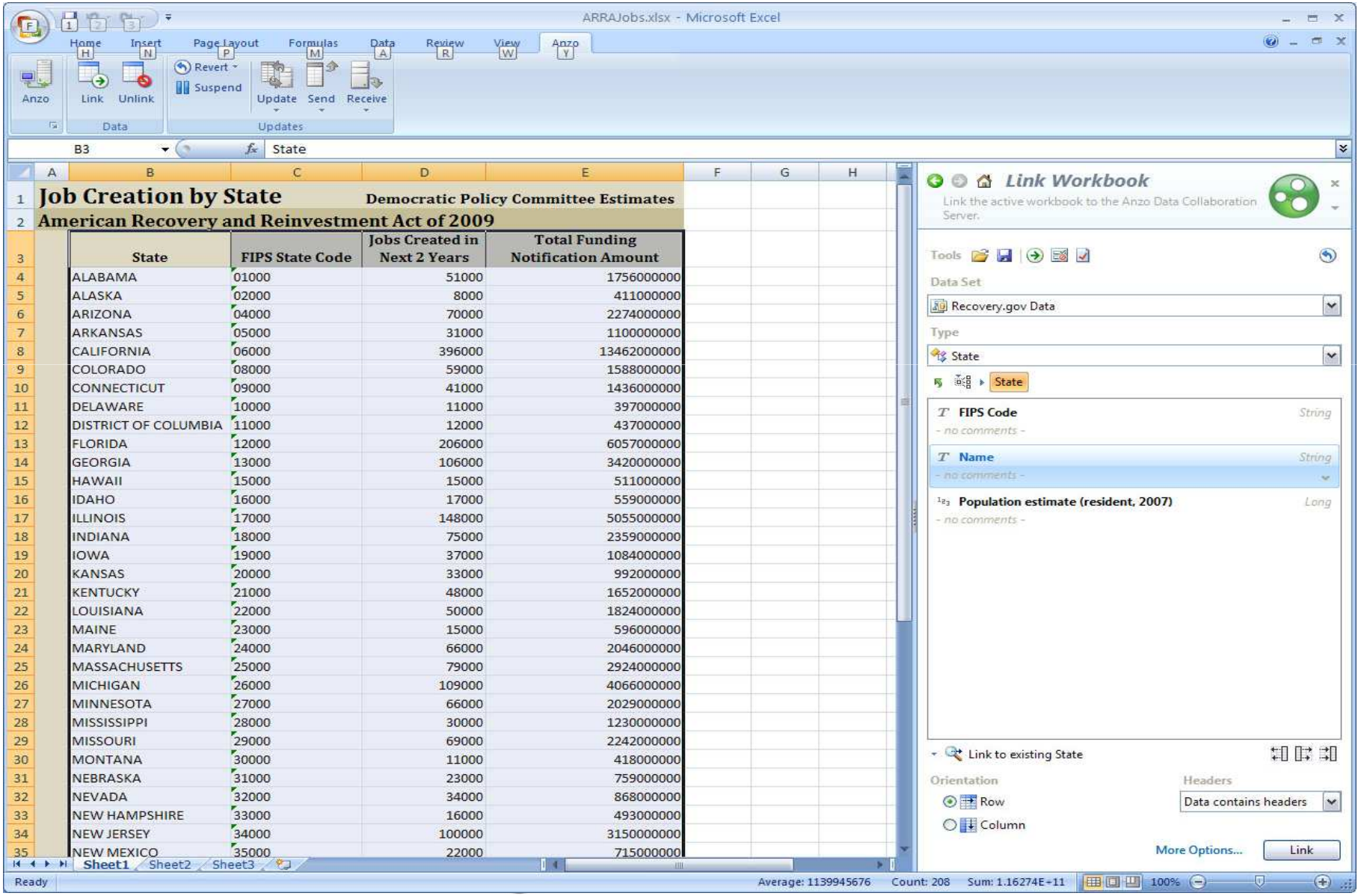
Linking Source Data is Simple



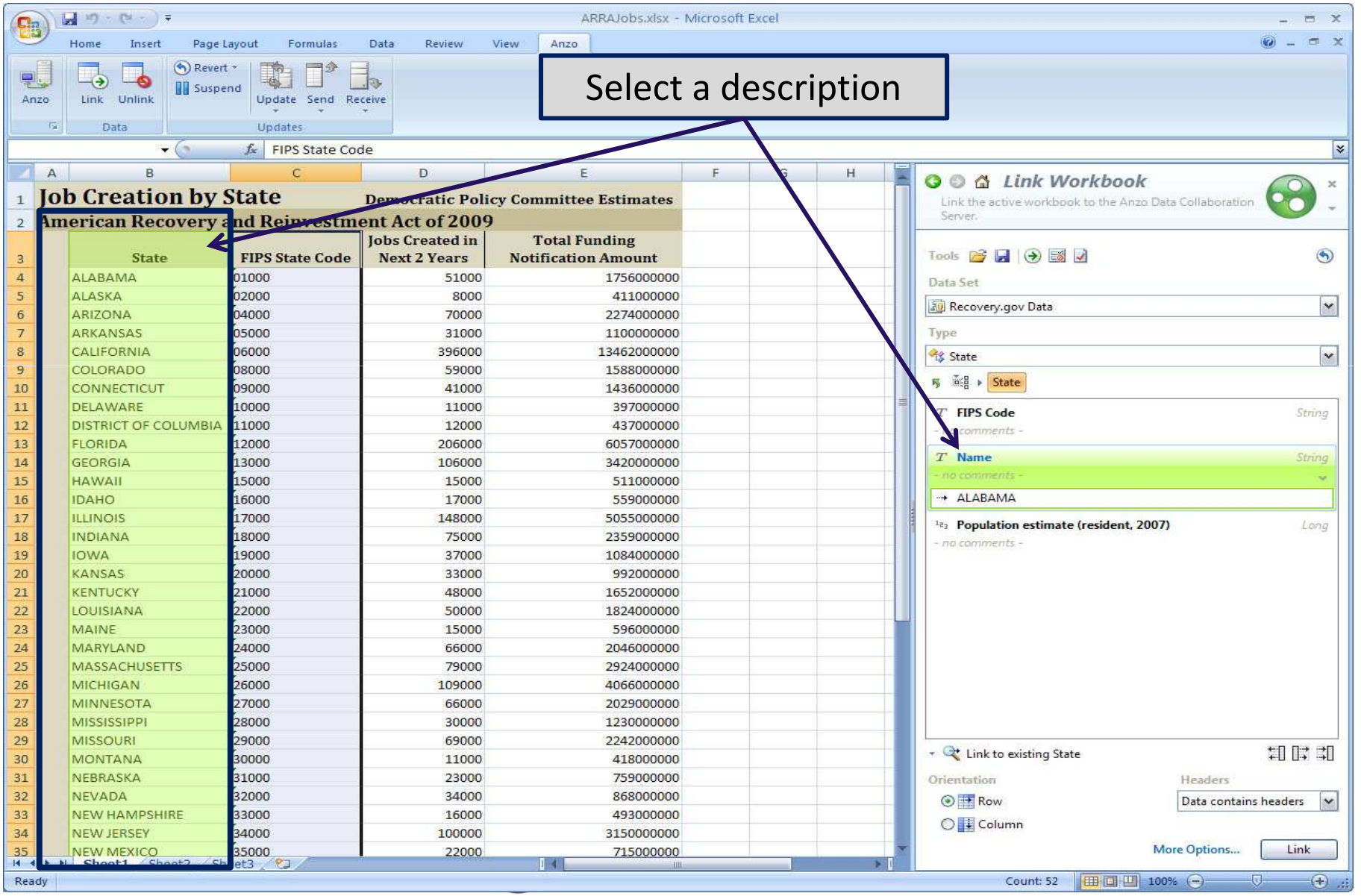
Linking Source Data is Simple



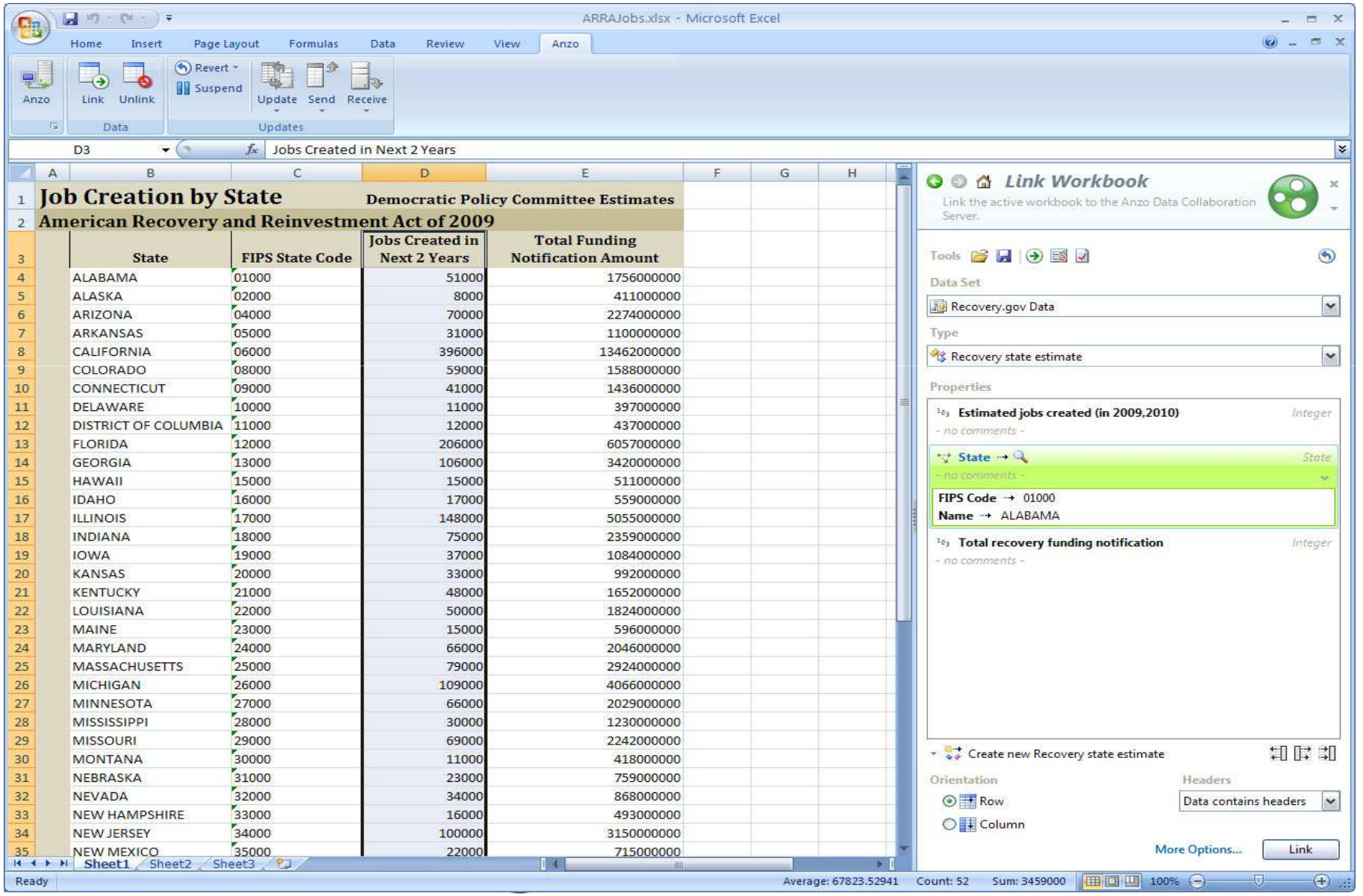
Different Source, Same Process



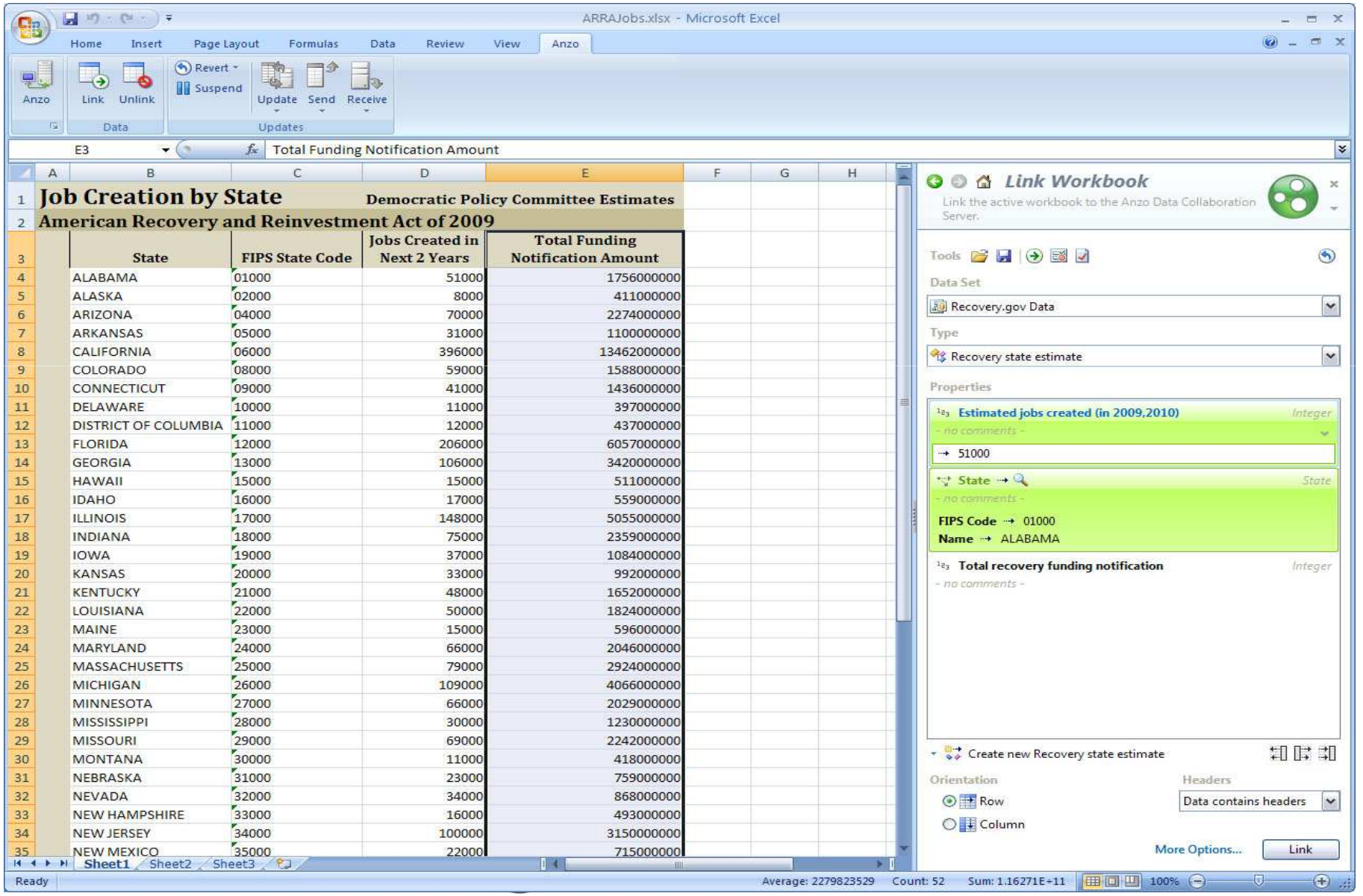
Select a Data Set



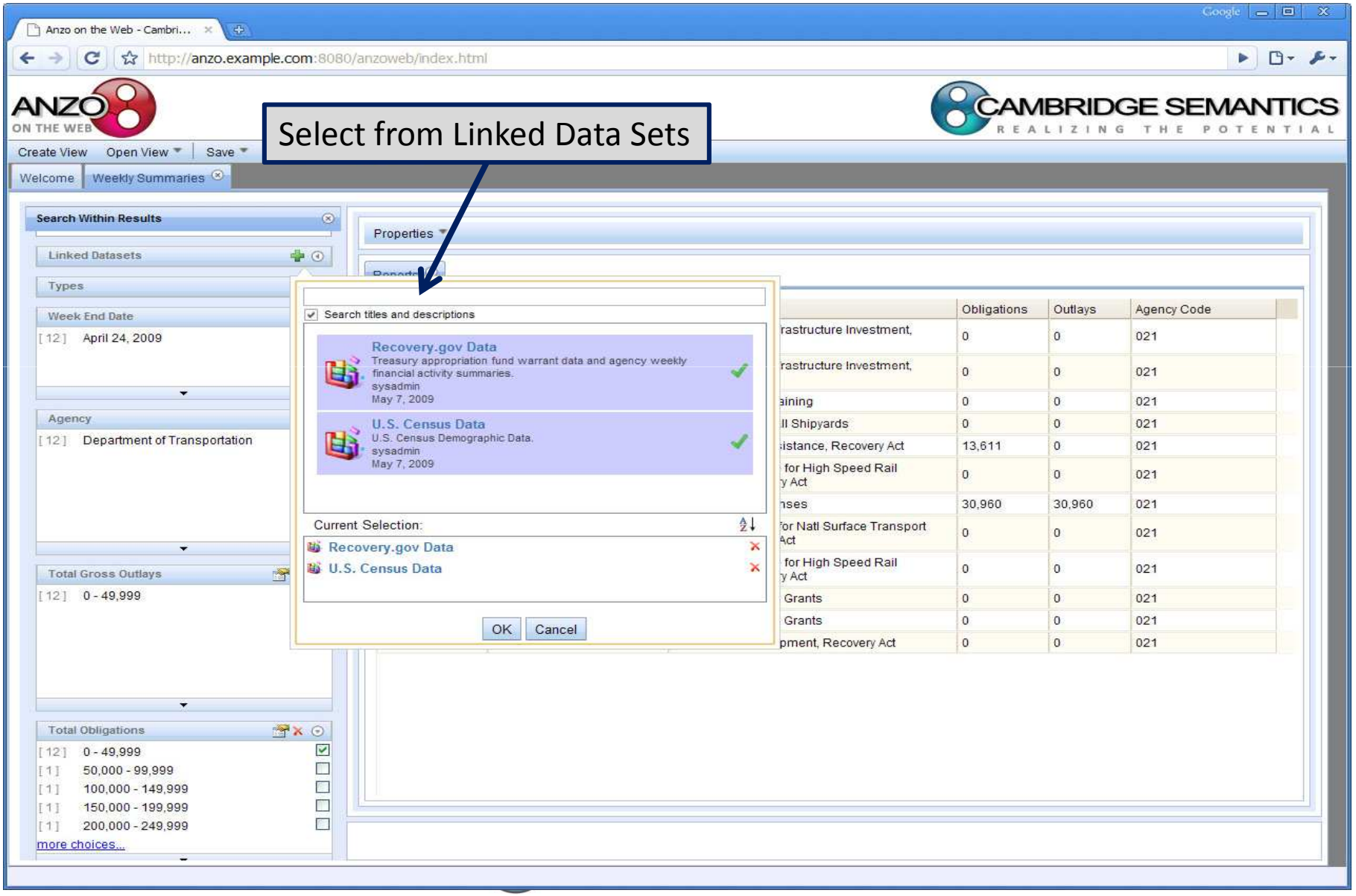
Repeat the Process



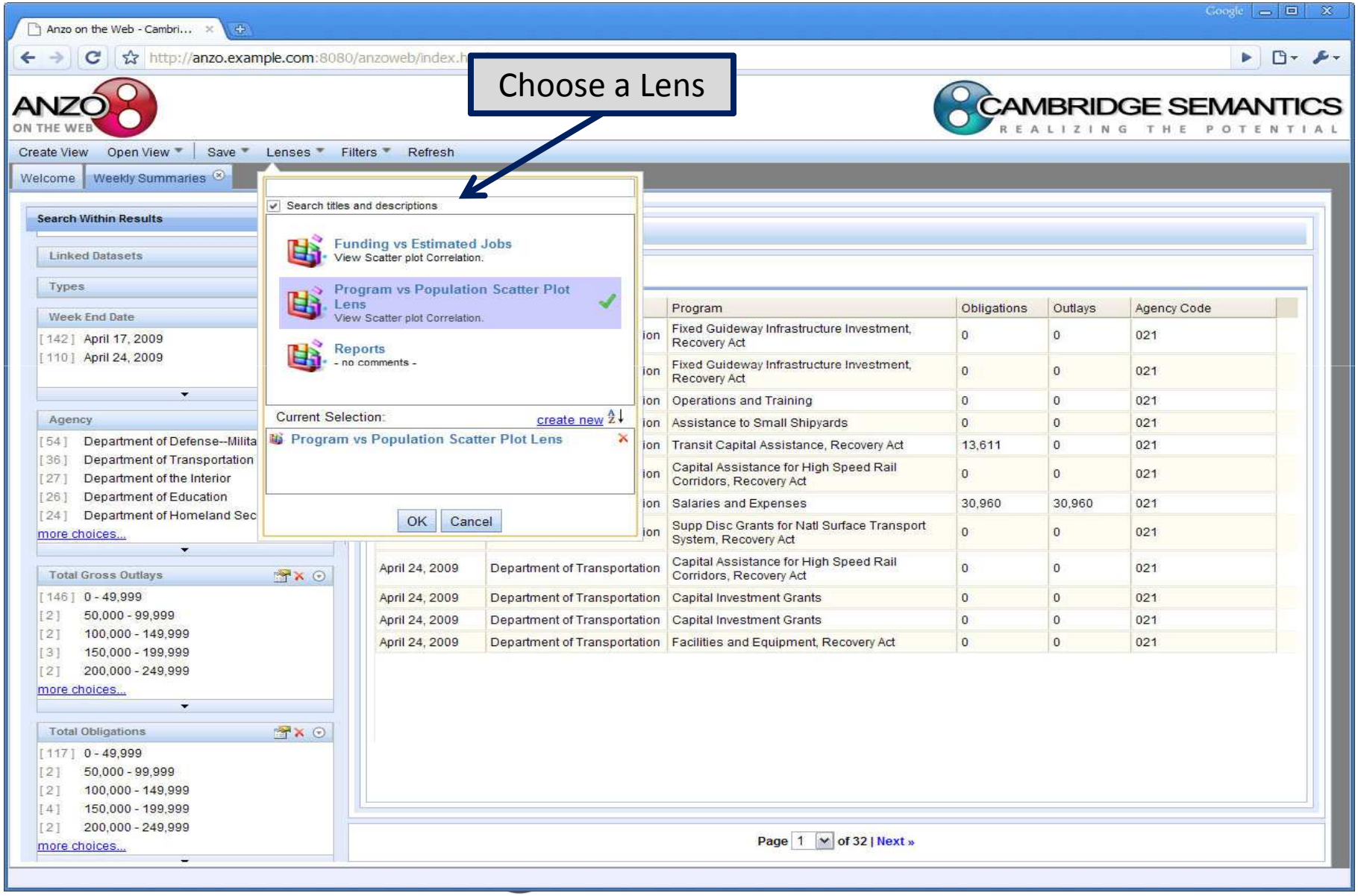
Repeat the Process



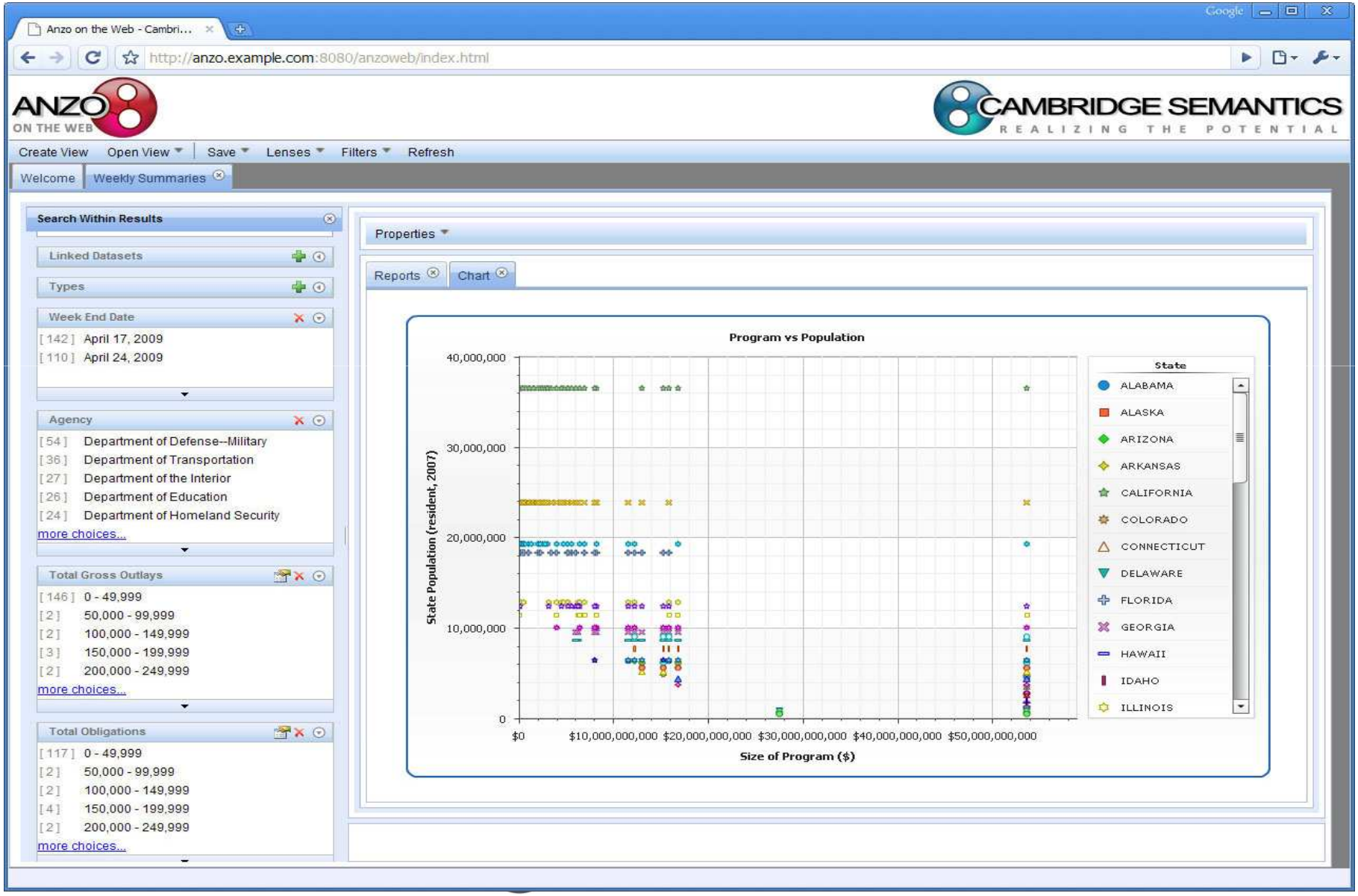
Anzo on the Web Can Work With It



Lenses Allow Various Views

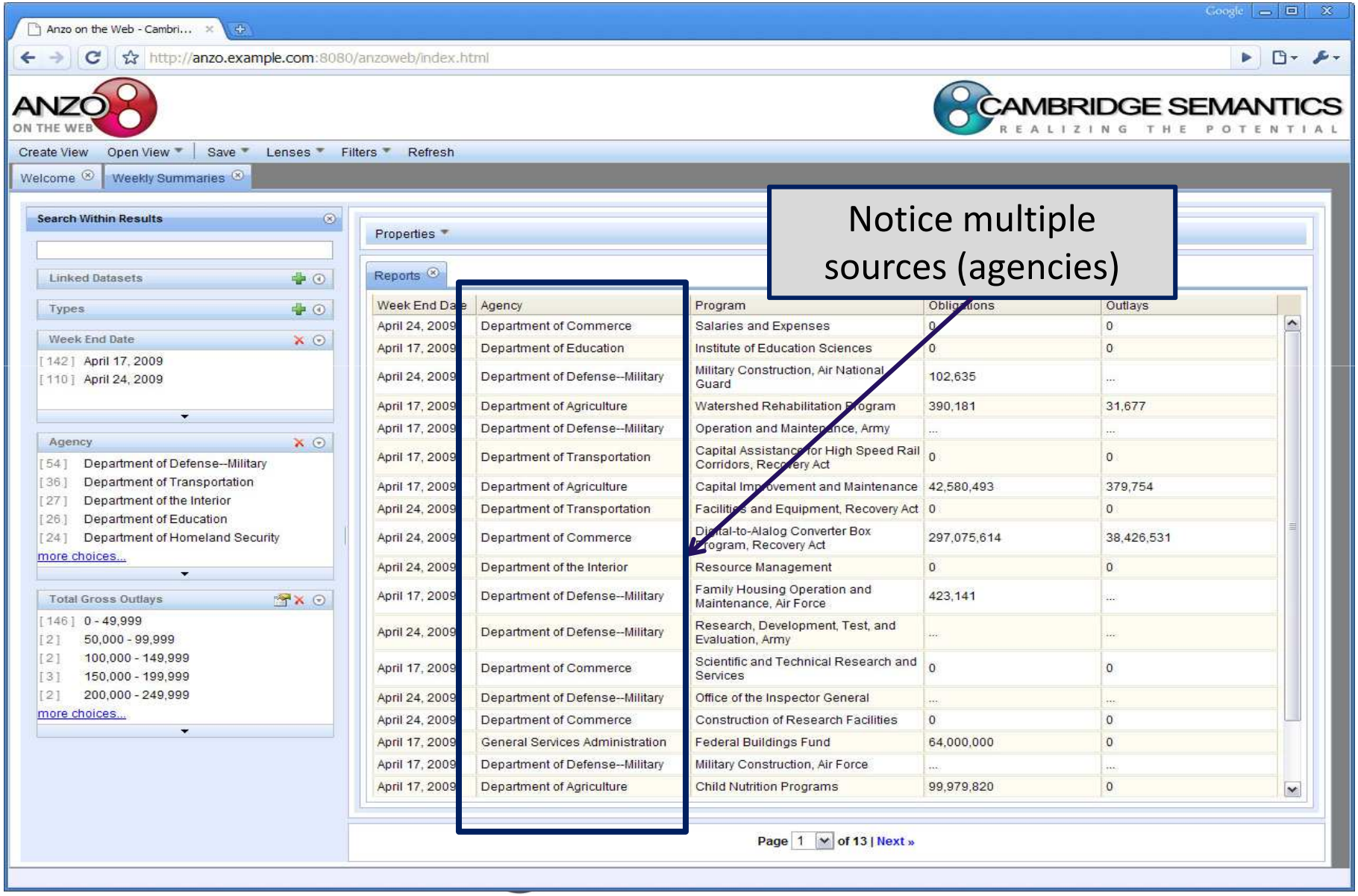


Combined Data Displayed Graphically

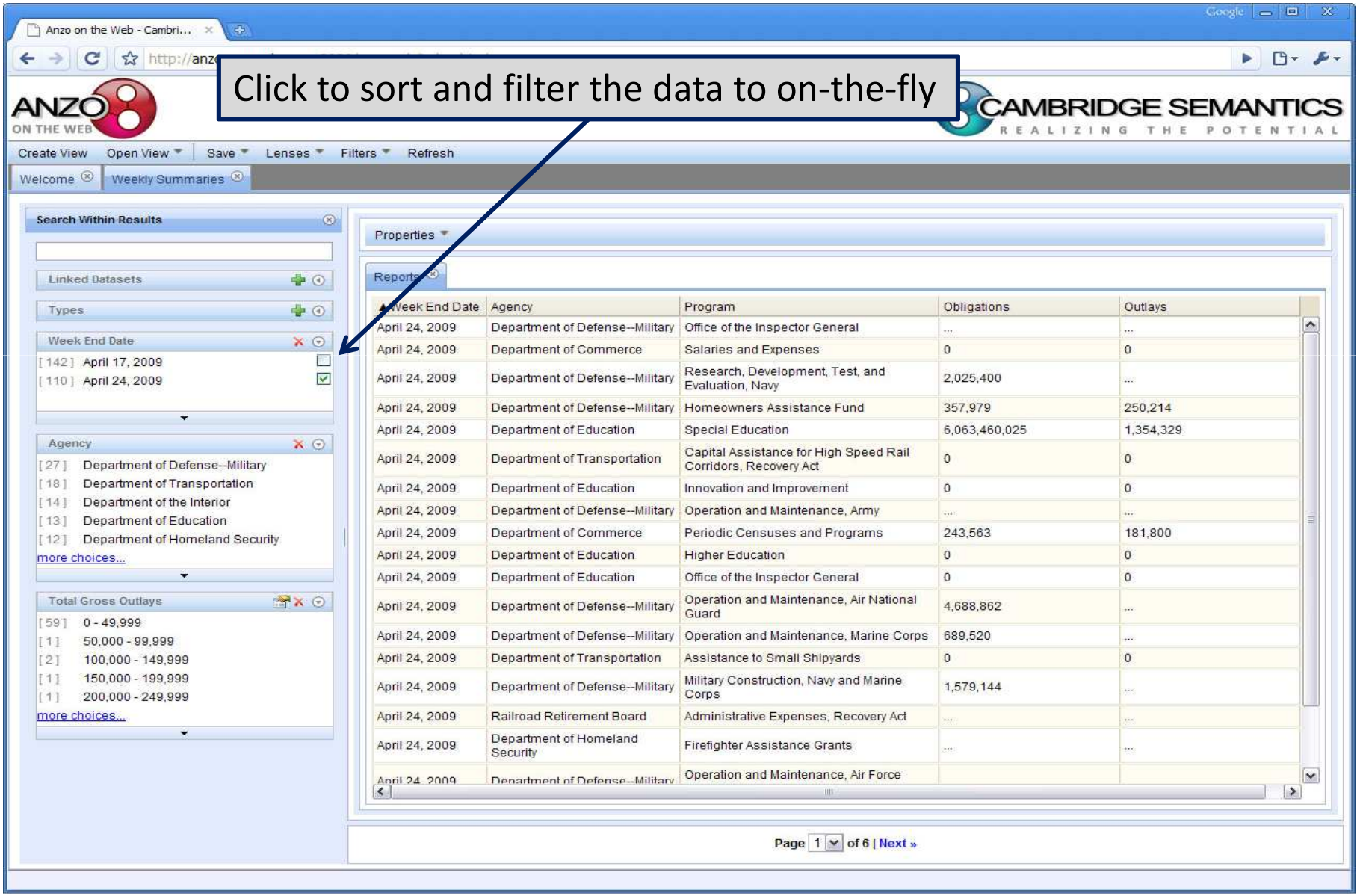


Another Option…

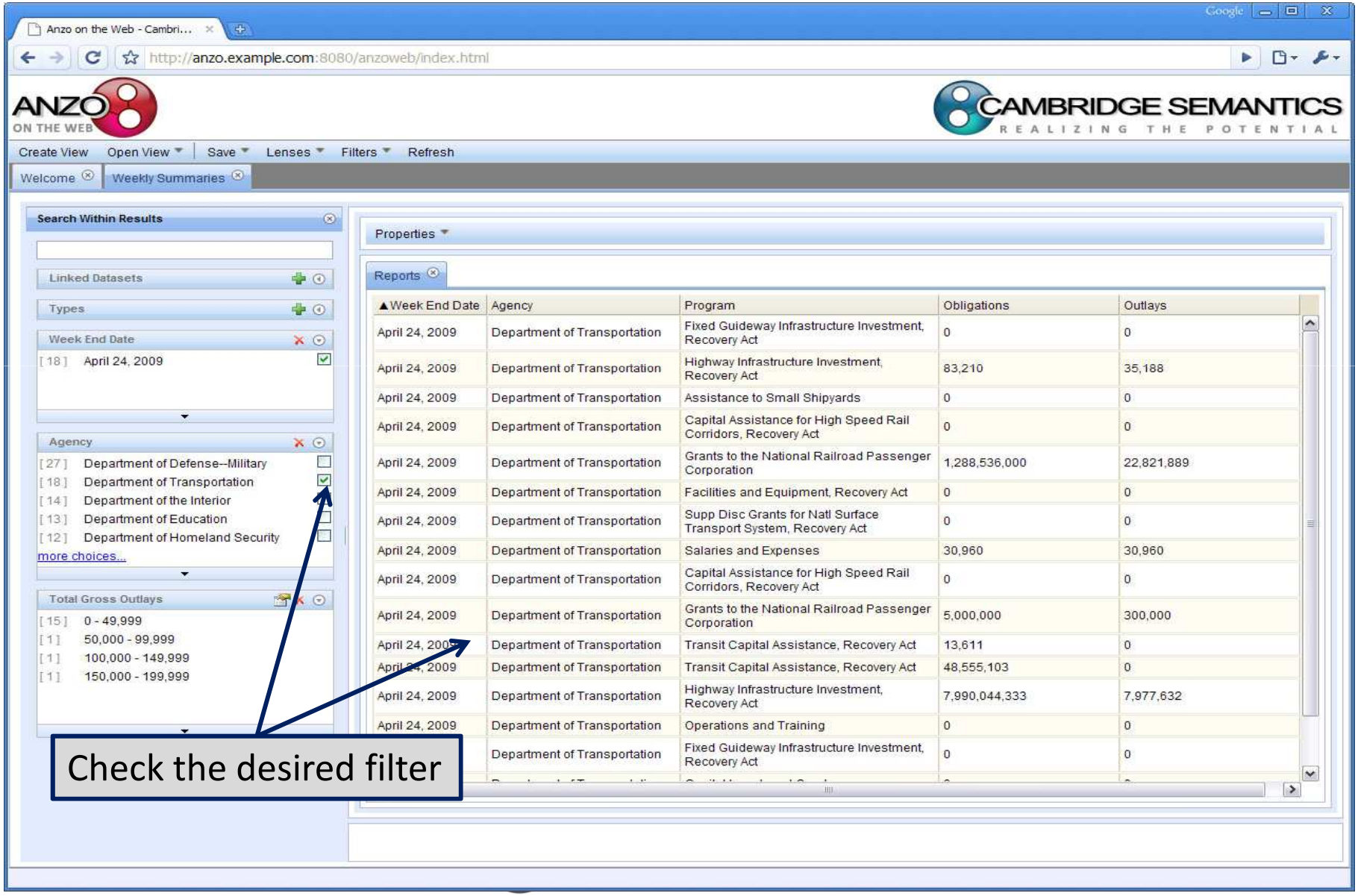
Combining and Filtering Data



Manipulate As Desired

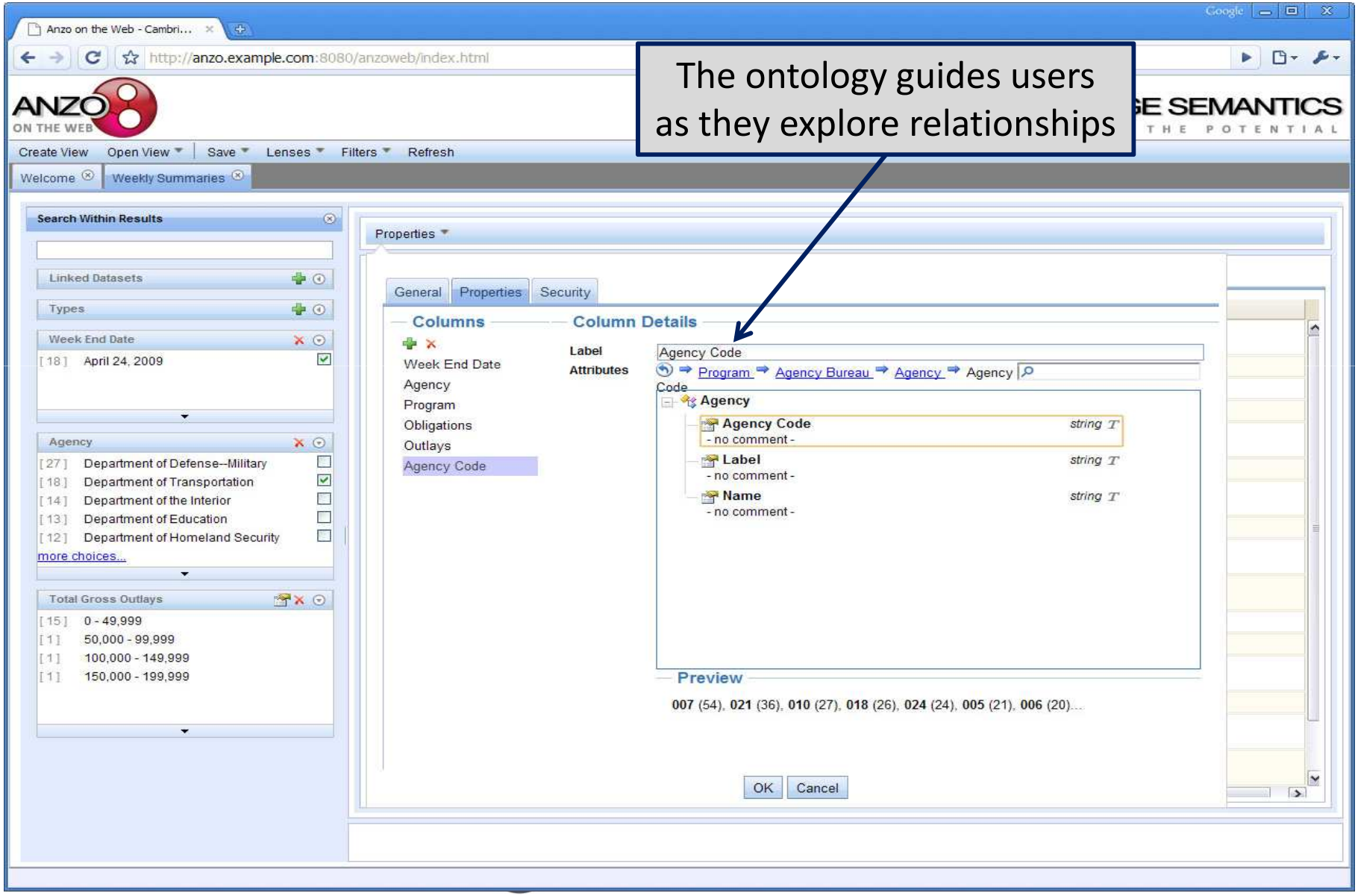


Apply a Finer Filter

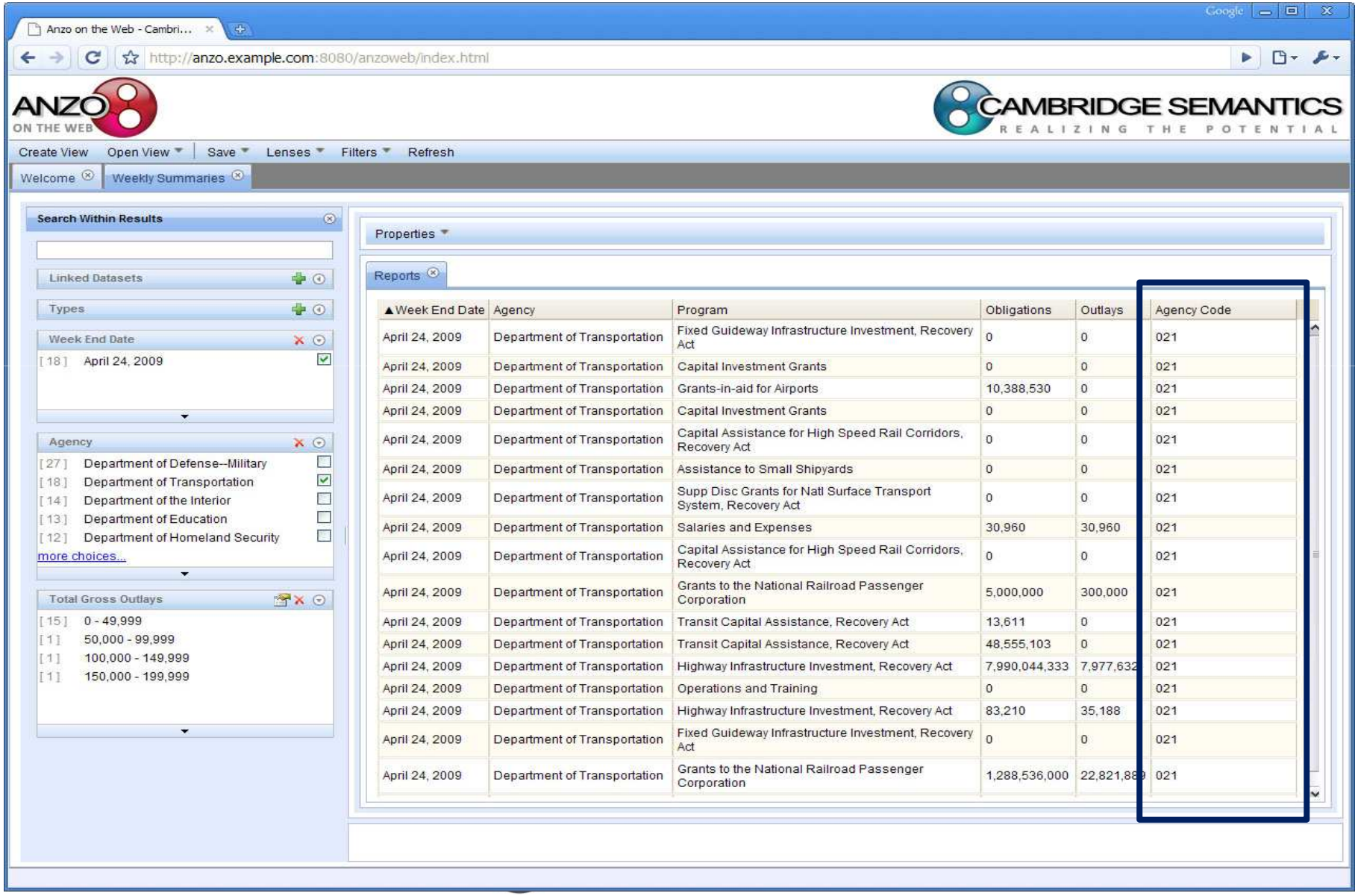


▲Week End Date	Agency	Program	Obligations	Outlays
April 24, 2009	Department of Transportation	Fixed Guideway Infrastructure Investment, Recovery Act	0	0
April 24, 2009	Department of Transportation	Highway Infrastructure Investment, Recovery Act	83,210	35,188
April 24, 2009	Department of Transportation	Assistance to Small Shipyards	0	0
April 24, 2009	Department of Transportation	Capital Assistance for High Speed Rail Corridors, Recovery Act	0	0
April 24, 2009	Department of Transportation	Grants to the National Railroad Passenger Corporation	1,288,536,000	22,821,889
April 24, 2009	Department of Transportation	Facilities and Equipment, Recovery Act	0	0
April 24, 2009	Department of Transportation	Supp Disc Grants for Natl Surface Transport System, Recovery Act	0	0
April 24, 2009	Department of Transportation	Salaries and Expenses	30,960	30,960
April 24, 2009	Department of Transportation	Capital Assistance for High Speed Rail Corridors, Recovery Act	0	0
April 24, 2009	Department of Transportation	Grants to the National Railroad Passenger Corporation	5,000,000	300,000
April 24, 2009	Department of Transportation	Transit Capital Assistance, Recovery Act	13,611	0
April 24, 2009	Department of Transportation	Transit Capital Assistance, Recovery Act	48,555,103	0
April 24, 2009	Department of Transportation	Highway Infrastructure Investment, Recovery Act	7,990,044,333	7,977,632
April 24, 2009	Department of Transportation	Operations and Training	0	0
	Department of Transportation	Fixed Guideway Infrastructure Investment, Recovery Act	0	0

Add More Data to Your View



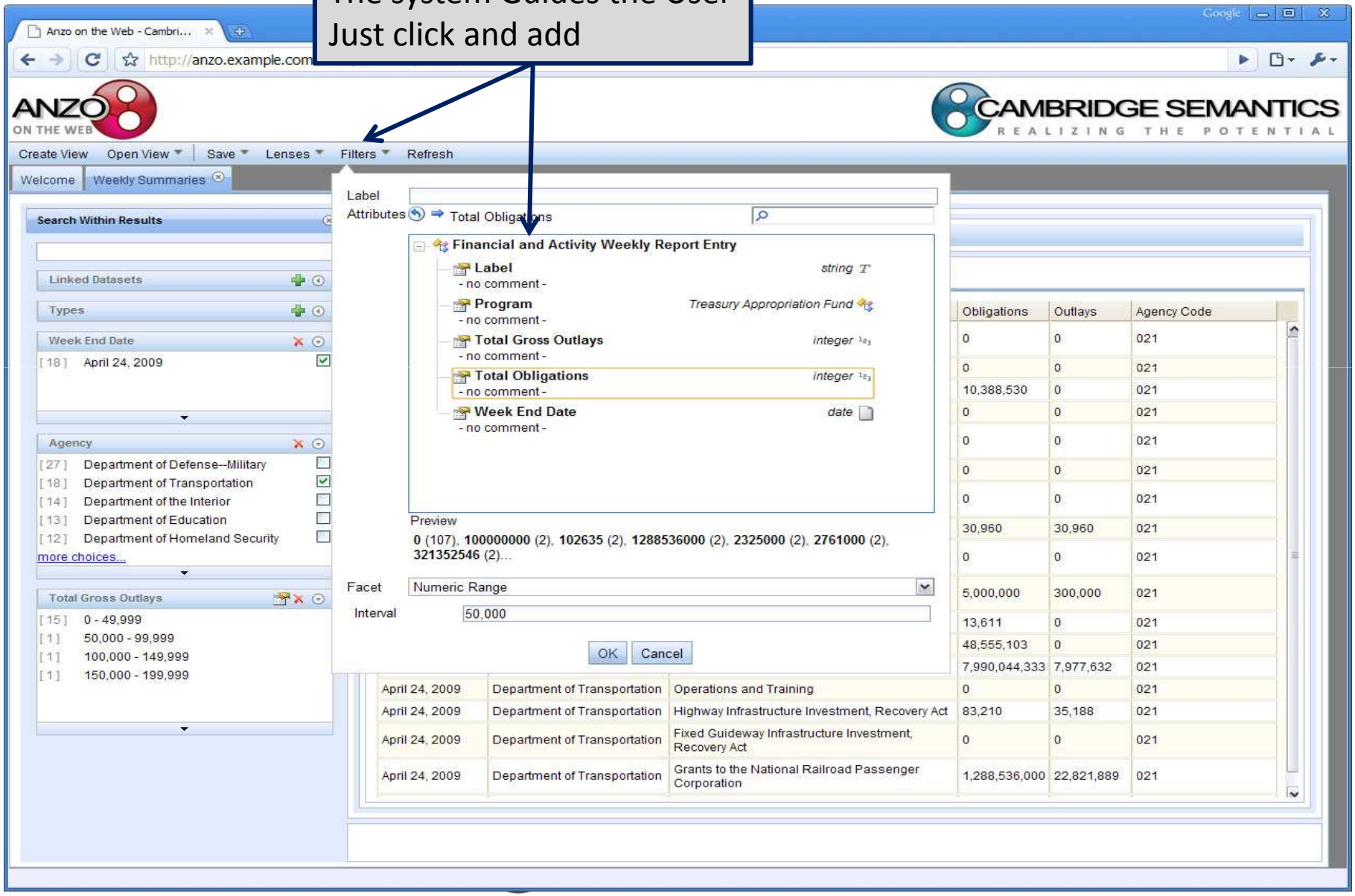
The New Data is Immediately Available



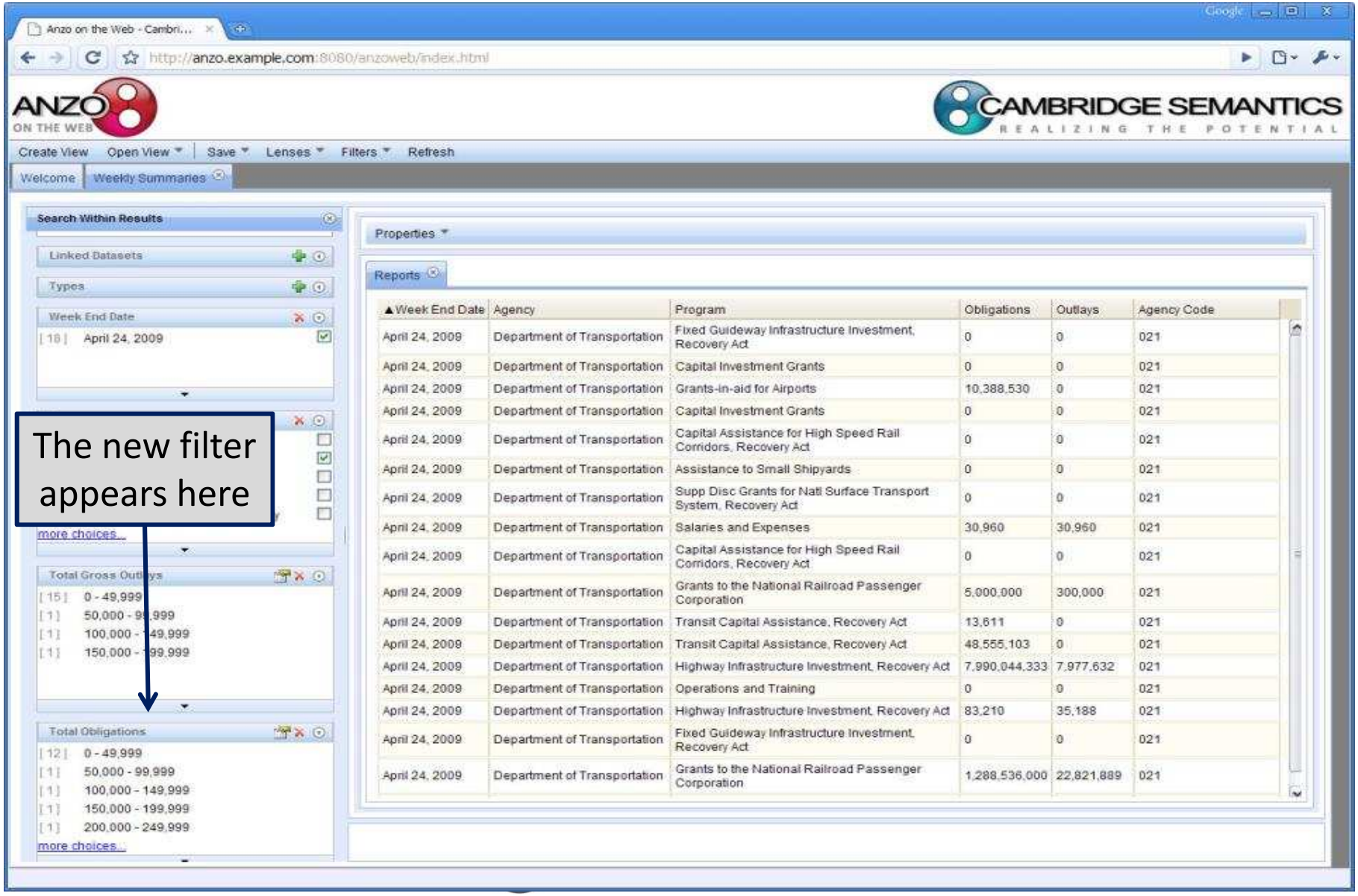
▲Week End Date	Agency	Program	Obligations	Outlays	Agency Code
April 24, 2009	Department of Transportation	Fixed Guideway Infrastructure Investment, Recovery Act	0	0	021
April 24, 2009	Department of Transportation	Capital Investment Grants	0	0	021
April 24, 2009	Department of Transportation	Grants-in-aid for Airports	10,388,530	0	021
April 24, 2009	Department of Transportation	Capital Investment Grants	0	0	021
April 24, 2009	Department of Transportation	Capital Assistance for High Speed Rail Corridors, Recovery Act	0	0	021
April 24, 2009	Department of Transportation	Assistance to Small Shipyards	0	0	021
April 24, 2009	Department of Transportation	Supp Disc Grants for Natl Surface Transport System, Recovery Act	0	0	021
April 24, 2009	Department of Transportation	Salaries and Expenses	30,960	30,960	021
April 24, 2009	Department of Transportation	Capital Assistance for High Speed Rail Corridors, Recovery Act	0	0	021
April 24, 2009	Department of Transportation	Grants to the National Railroad Passenger Corporation	5,000,000	300,000	021
April 24, 2009	Department of Transportation	Transit Capital Assistance, Recovery Act	13,611	0	021
April 24, 2009	Department of Transportation	Transit Capital Assistance, Recovery Act	48,555,103	0	021
April 24, 2009	Department of Transportation	Highway Infrastructure Investment, Recovery Act	7,990,044,333	7,977,632	021
April 24, 2009	Department of Transportation	Operations and Training	0	0	021
April 24, 2009	Department of Transportation	Highway Infrastructure Investment, Recovery Act	83,210	35,188	021
April 24, 2009	Department of Transportation	Fixed Guideway Infrastructure Investment, Recovery Act	0	0	021
April 24, 2009	Department of Transportation	Grants to the National Railroad Passenger Corporation	1,288,536,000	22,821,889	021

Add Filters on the Fly

The system Guides the User
Just click and add



The Filter is Added



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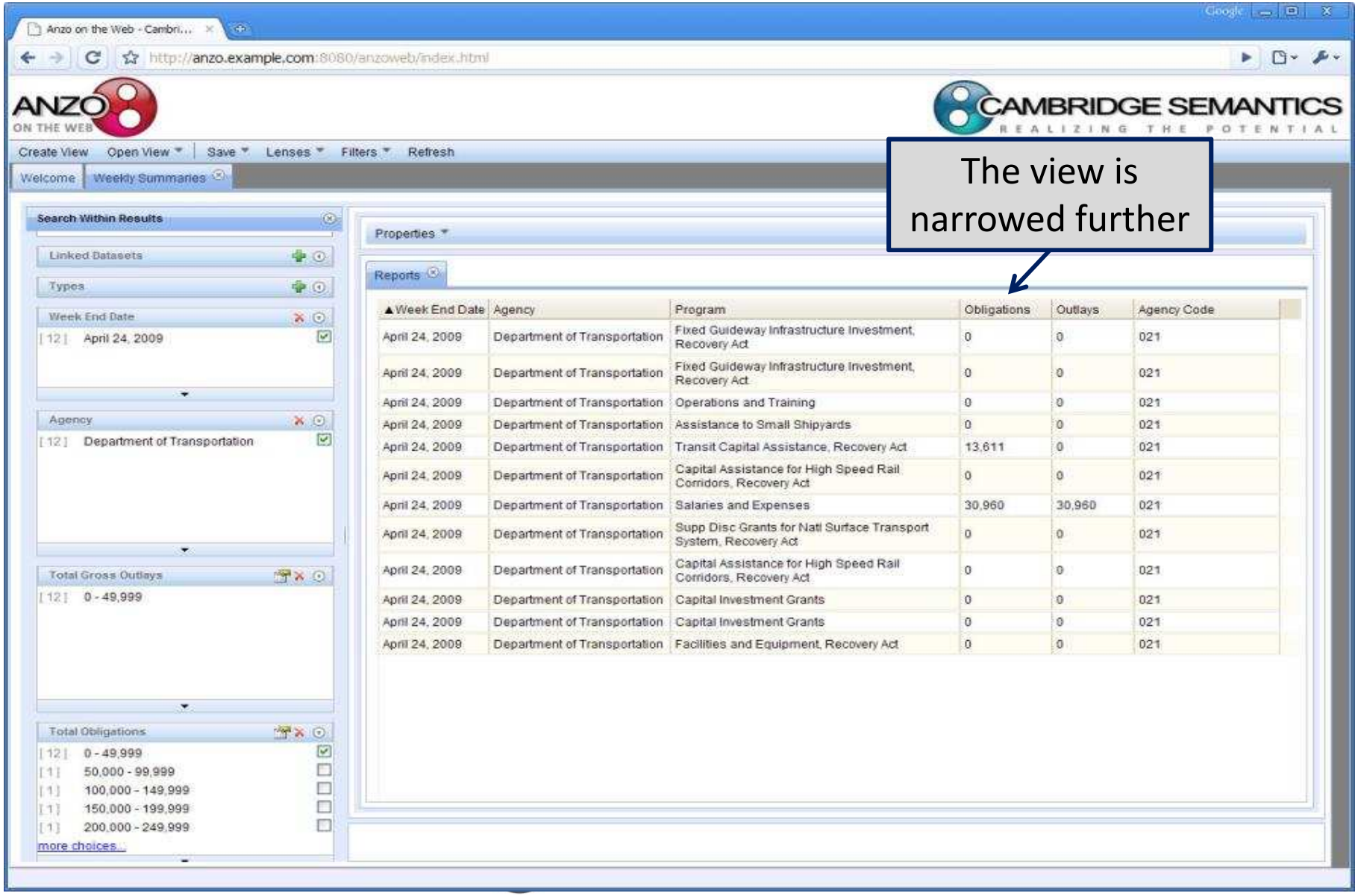
April 24, 2009	Department of Transportation	Grants-in-aid for Airports	10,388,530	0	021
April 24, 2009	Department of Transportation	Capital Investment Grants	0	0	021
April 24, 2009	Department of Transportation	Capital Assistance for High Speed Rail Corridors, Recovery Act	0	0	021
April 24, 2009	Department of Transportation	Assistance to Small Shipyards	0	0	021
April 24, 2009	Department of Transportation	Supp Disc Grants for Natl Surface Transport System, Recovery Act	0	0	021
April 24, 2009	Department of Transportation	Salaries and Expenses	30,960	30,960	021
April 24, 2009	Department of Transportation	Capital Assistance for High Speed Rail Corridors, Recovery Act	0	0	021
April 24, 2009	Department of Transportation	Grants to the National Railroad Passenger Corporation	5,000,000	300,000	021
April 24, 2009	Department of Transportation	Transit Capital Assistance, Recovery Act	13,611	0	021
April 24, 2009	Department of Transportation	Transit Capital Assistance, Recovery Act	48,555,103	0	021
April 24, 2009	Department of Transportation	Highway Infrastructure Investment, Recovery Act	7,990,044,333	7,977,632	021
April 24, 2009	Department of Transportation	Operations and Training	0	0	021
April 24, 2009	Department of Transportation	Highway Infrastructure Investment, Recovery Act	83,210	35,188	021
April 24, 2009	Department of Transportation	Fixed Guideway Infrastructure Investment, Recovery Act	0	0	021
April 24, 2009	Department of Transportation	Grants to the National Railroad Passenger Corporation	1,288,536,000	22,821,889	021

…and Works Immediately



▲Week End Date	Agency	Program	Obligations	Outlays	Agency Code
April 24, 2009	Department of Transportation	Fixed Guideway Infrastructure Investment, Recovery Act	0	0	021
April 24, 2009	Department of Transportation	Fixed Guideway Infrastructure Investment, Recovery Act	0	0	021
April 24, 2009	Department of Transportation	Operations and Training	0	0	021
April 24, 2009	Department of Transportation	Assistance to Small Shipyards	0	0	021
April 24, 2009	Department of Transportation	Transit Capital Assistance, Recovery Act	13,611	0	021
April 24, 2009	Department of Transportation	Capital Assistance for High Speed Rail Corridors, Recovery Act	0	0	021
April 24, 2009	Department of Transportation	Salaries and Expenses	30,960	30,960	021
April 24, 2009	Department of Transportation	Supp Disc Grants for Natl Surface Transport System, Recovery Act	0	0	021
April 24, 2009	Department of Transportation	Capital Assistance for High Speed Rail Corridors, Recovery Act	0	0	021
April 24, 2009	Department of Transportation	Capital Investment Grants	0	0	021
April 24, 2009	Department of Transportation	Capital Investment Grants	0	0	021
April 24, 2009	Department of Transportation	Facilities and Equipment, Recovery Act	0	0	021