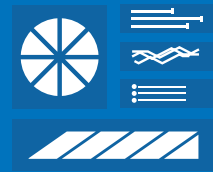




Make informed decisions

Explore and enhance your data



Develop interactive reports using Excel and Power Pivot by creating and connecting with all different data sources.

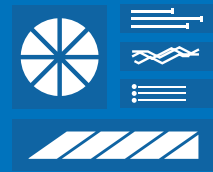
The screenshot shows the Microsoft Excel interface with the **DATA** tab selected. The **Connections** group in the ribbon is highlighted with a red box. Below the ribbon, the **Marketing Campaigns & CS** data model is visible, showing a date slicer for Q1 - Q2 2012 and a customer type filter set to **Person**. The **Workbook Connections** dialog box is open, displaying a table of connections:

| Name | Description | Last Refreshed |
|------------------------|------------------|-----------------------|
| BI_demo Review | | |
| ContosoGlobal Database | | |
| ThisWorkbookDataModel | Excel Data Model | 6/19/2012 10:45:45 AM |

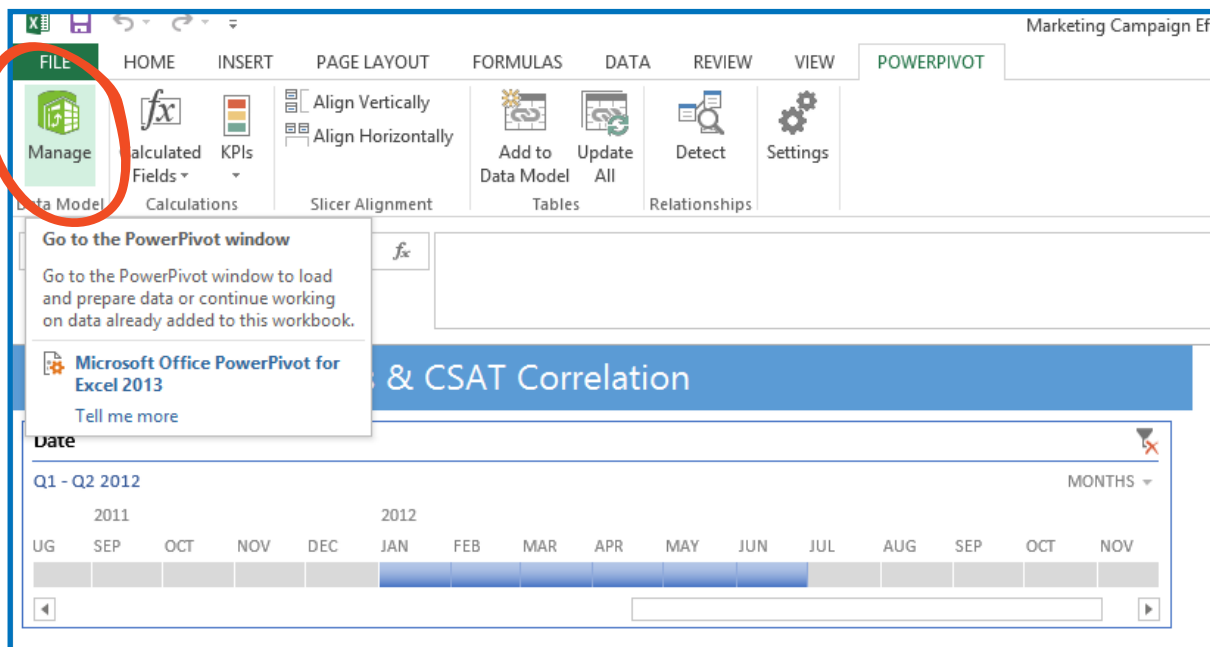
The dialog box also includes buttons for **Add...**, **Remove**, **Properties...**, **Refresh**, and **Manage Sets...**. At the bottom, there is a section for **Locations where connections are used in this workbook** with a link to **Click here to see where the selected connections are used**.

Open up an Excel worksheet and click the Data tab. You can examine all the data connections your model currently uses, from both internal and external sources.

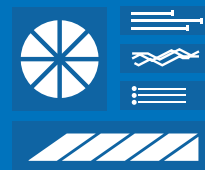
Engage with data using PowerPivot



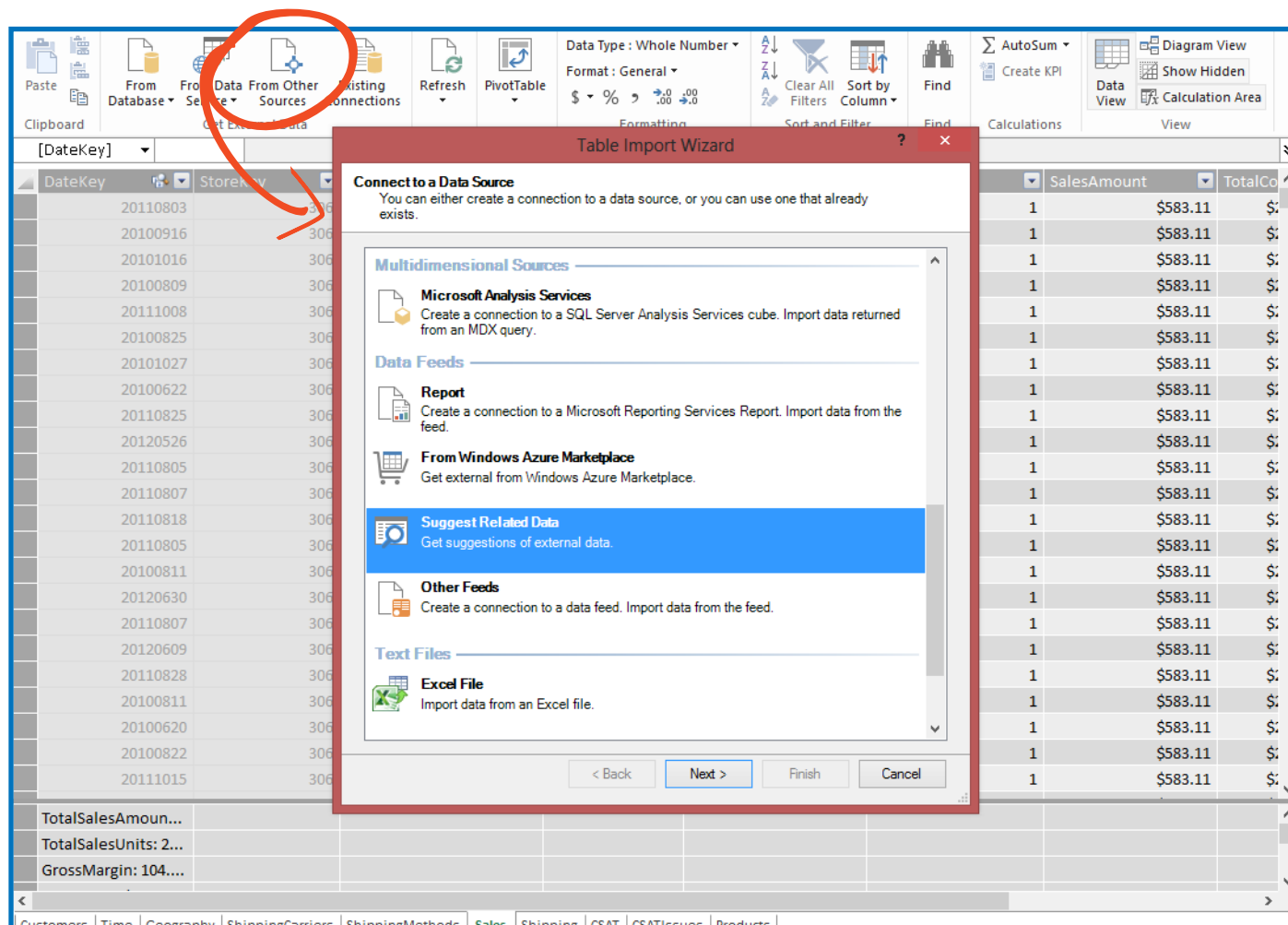
From either a blank worksheet or a current data set, start using Power Pivot to develop and enhance your data model.



Find other data

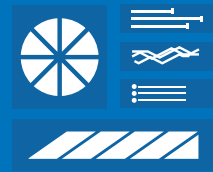


Browse and add other sources of data to help enhance your own data sets.

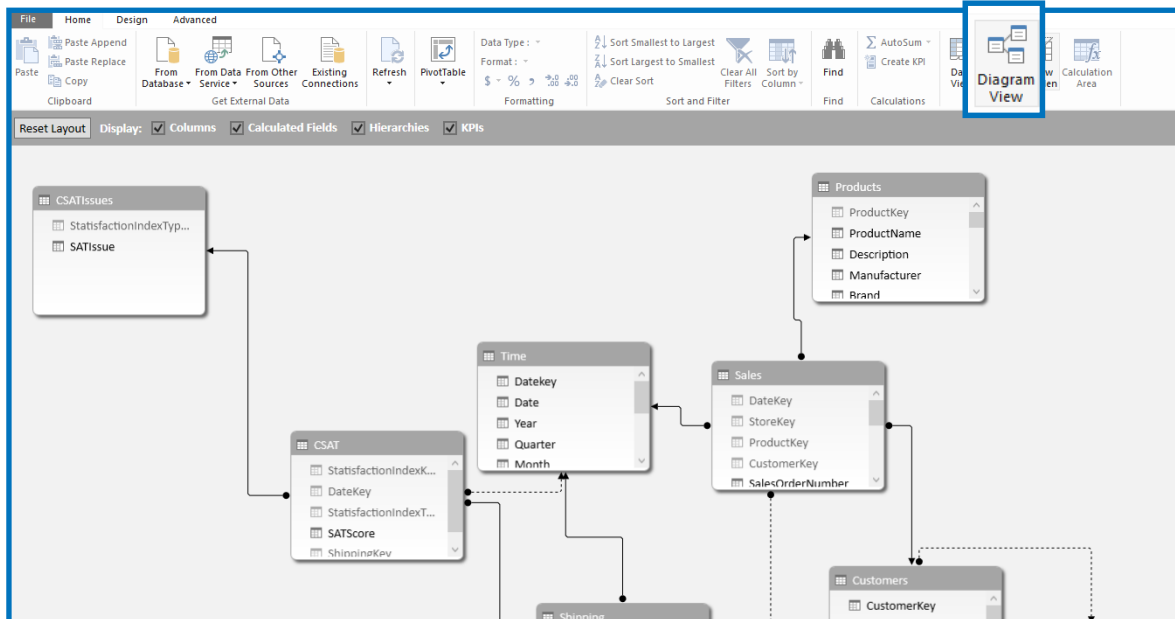


Find the best data source for the project, and then connect it to your file.

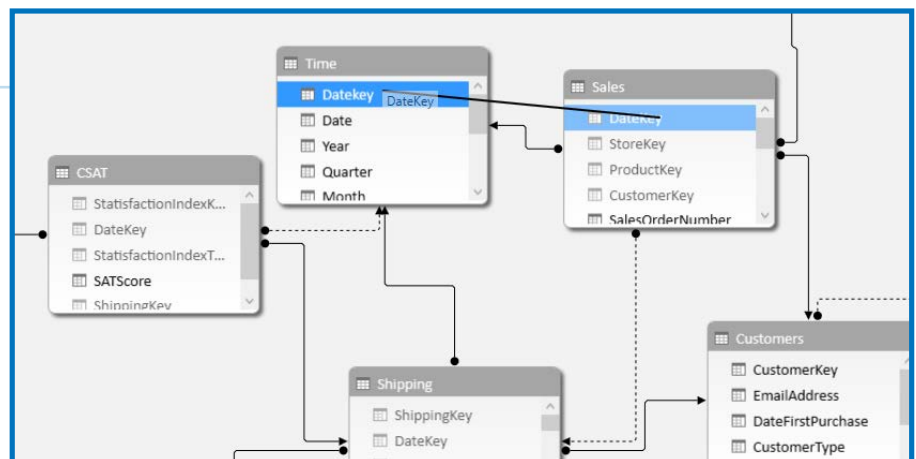
Visualize your data



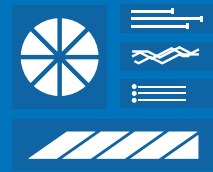
Once all the data is connected, visualize the interconnections in Diagram View.



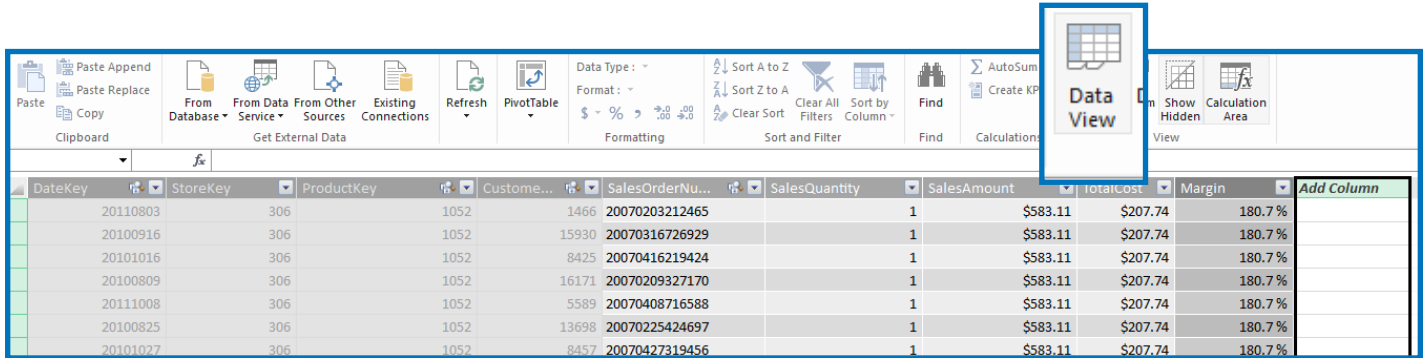
Make new connections in your model by dragging one data category to another.



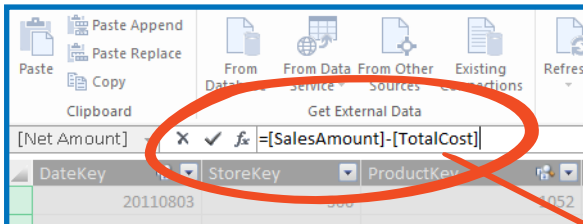
Add formula columns and indexes



Analyze and categorize your data by customizing formulas and columns.

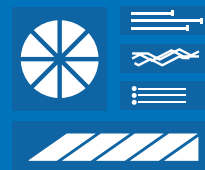


| DateKey | StoreKey | ProductKey | Custome... | SalesOrderNu... | SalesQuantity | SalesAmount | totalCost | Margin | Add Column |
|----------|----------|------------|------------|-----------------|---------------|-------------|-----------|---------|------------|
| 20110803 | 306 | 1052 | 1466 | 20070203212465 | 1 | \$583.11 | \$207.74 | 180.7 % | |
| 20100916 | 306 | 1052 | 15930 | 20070316726929 | 1 | \$583.11 | \$207.74 | 180.7 % | |
| 20101016 | 306 | 1052 | 8425 | 20070416219424 | 1 | \$583.11 | \$207.74 | 180.7 % | |
| 20100809 | 306 | 1052 | 16171 | 20070209327170 | 1 | \$583.11 | \$207.74 | 180.7 % | |
| 20111008 | 306 | 1052 | 5589 | 20070408716588 | 1 | \$583.11 | \$207.74 | 180.7 % | |
| 20100825 | 306 | 1052 | 13698 | 20070225424697 | 1 | \$583.11 | \$207.74 | 180.7 % | |
| 20101027 | 306 | 1052 | 8457 | 20070427319456 | 1 | \$583.11 | \$207.74 | 180.7 % | |



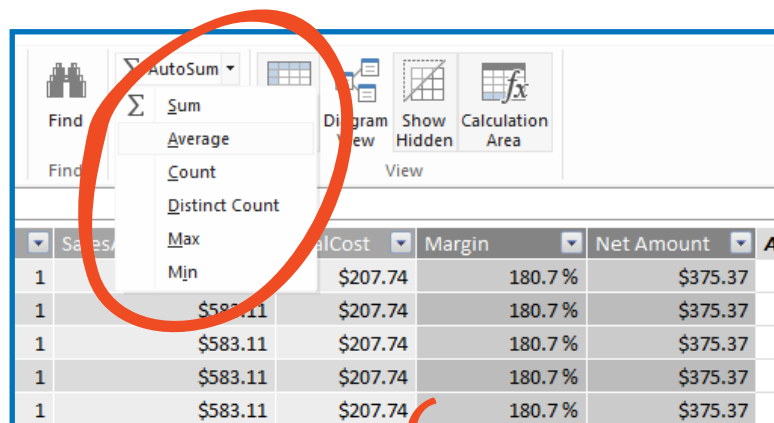
| DateKey | StoreKey | ProductKey |
|----------|----------|------------|
| 20110803 | 306 | 1052 |

| | | | | |
|----------|--------------|---------|------------|------|
| Find | Calculations | View | Hidden | Area |
| View | | | | |
| t | TotalCost | Margin | Net Amount | |
| \$583.11 | \$207.74 | 180.7 % | \$375.37 | |
| \$583.11 | \$207.74 | 180.7 % | \$375.37 | |
| \$583.11 | \$207.74 | 180.7 % | \$375.37 | |
| \$583.11 | \$207.74 | 180.7 % | \$375.37 | |
| \$583.11 | \$207.74 | 180.7 % | \$375.37 | |
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| \$583.11 | \$207.74 | 180.7 % | \$375.37 | |
| \$583.11 | \$207.74 | 180.7 % | \$375.37 | |
| \$583.11 | \$207.74 | 180.7 % | \$375.37 | |

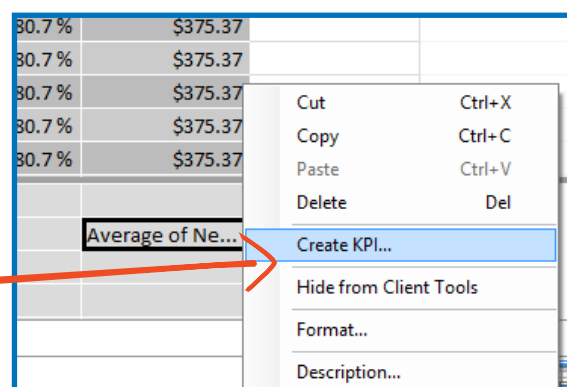


Use aggregating functions and add KPIs

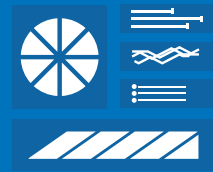
Create aggregate sums, averages, and more.



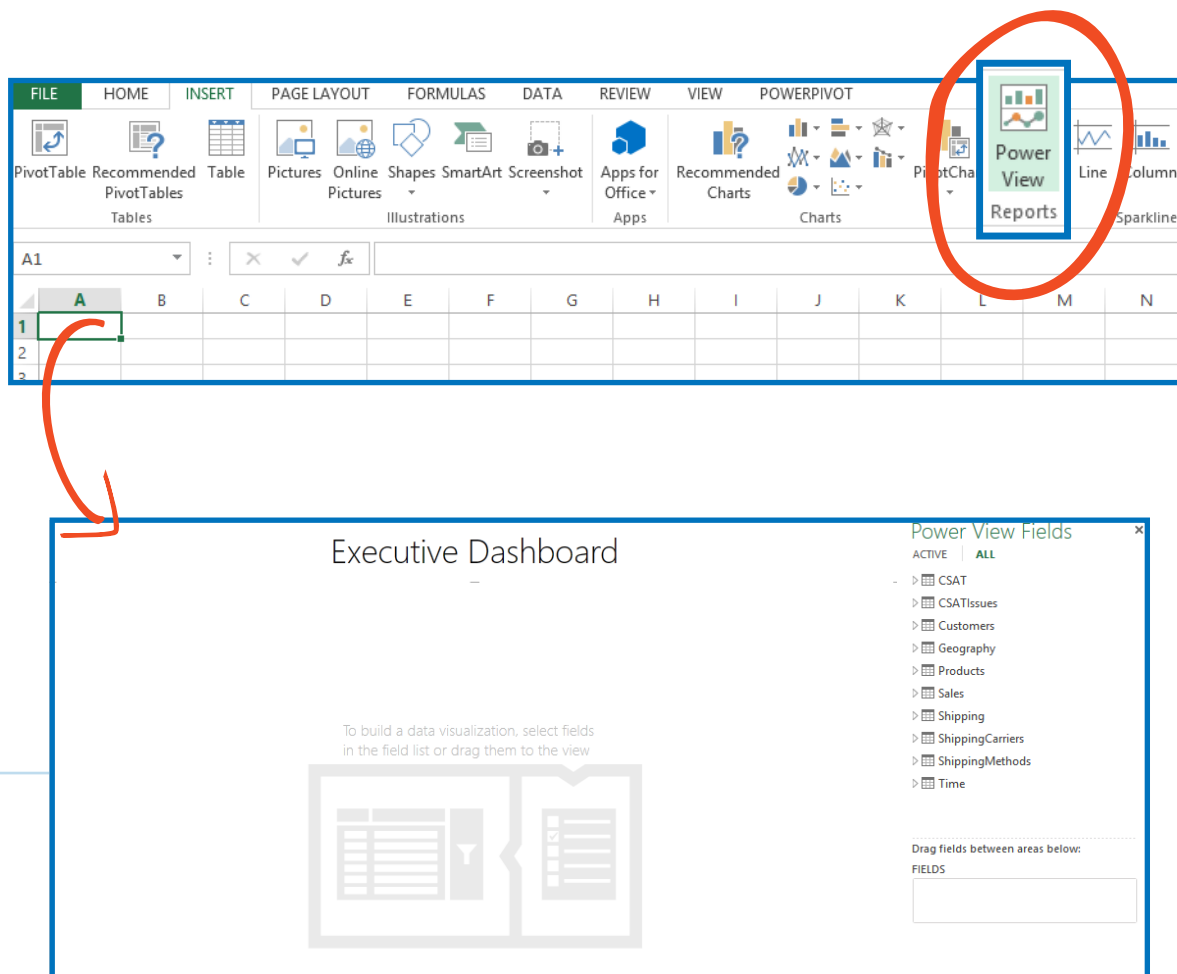
Then, create key performance indicators to quickly highlight and label those cells for use in your analyses.



Create dashboards

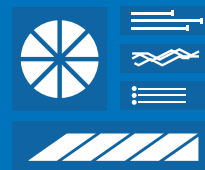


Condense data into visual, interactive dashboards to highlight your information.



Power View lets you take your organized data from Power Pivot and create interactive charts and graphics.

Enhance your views



Choose the different Power View fields to display in your dashboard, and then choose the best way to represent that data—with tables, charts, columns, maps, and more.

Executive Dashboard

Average of SATScore by RegionCountry

| Category | GrossMargin |
|----------------------|----------------|
| Audio | 112.4 % |
| Cameras & Camcorders | 133.8 % |
| Cell Phones | 16.3 % |
| Computers | 108.1 % |
| Home Appliances | 100.8 % |
| TV & Video | 103.1 % |
| Total | 104.7 % |

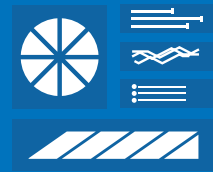
Power View Fields

ACTIVE | ALL

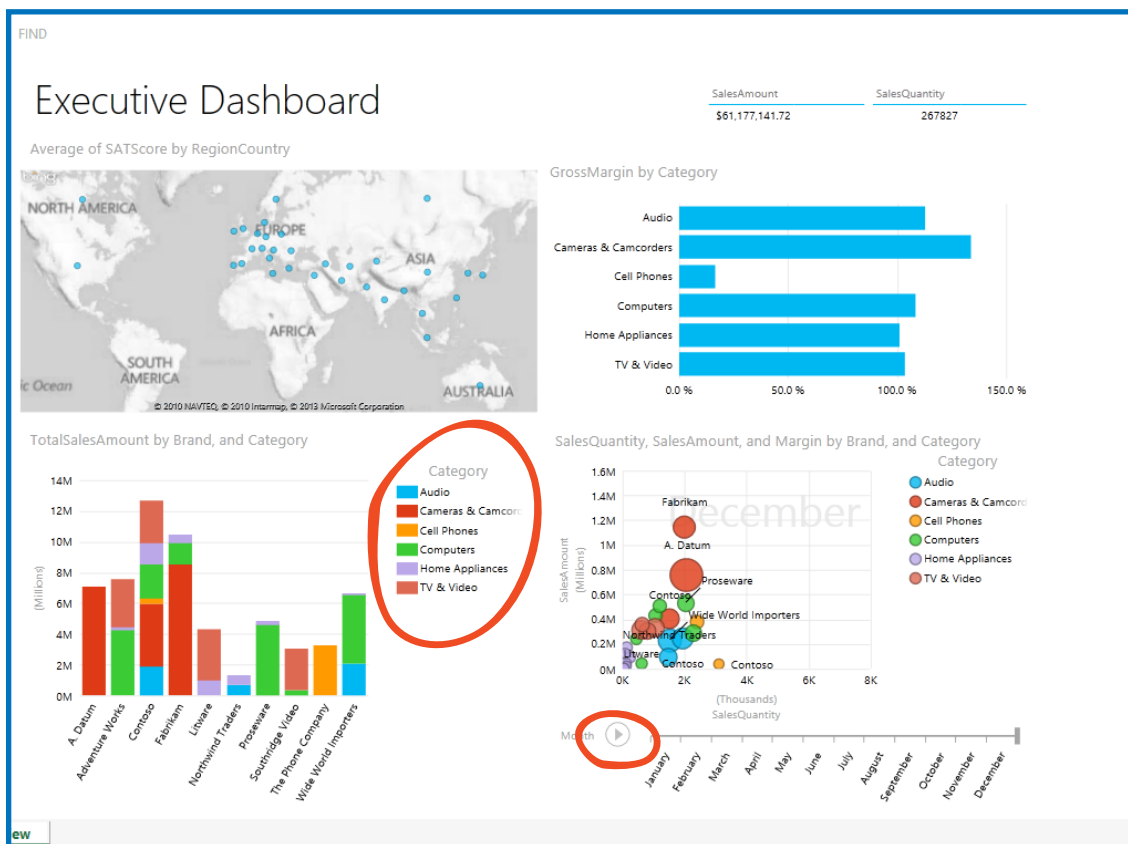
- CSAT
 - ☐ Σ SATScore
- CSATIssues
- Customers
- Geography
- Products
 - ☐ Brand
 - ☒ **Category**
 - ☐ CategoryImage
 - ☐ Description
 - ☐ Manufacturer
 - ☐ ProductHierarchy
 - ☐ ProductImage
 - ☐ ProductName
 - ☐ Status
 - ☐ SubCategory
 - ☐ SubCategoryImage
 - ☐ Σ UnitCost
 - ☐ Σ UnitPrice
- Sales
 - ☒ Average of Net Amount
 - ☐ DistinctProducts
 - ☒ **GrossMargin**
 - ☐ Σ Margin
 - ☐ Σ Net Amount

Customize and filter fields and data displays.

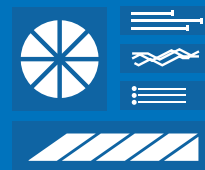
View and interact with your data



Once your views are created, read them at a glance and get refreshed views as your data updates.

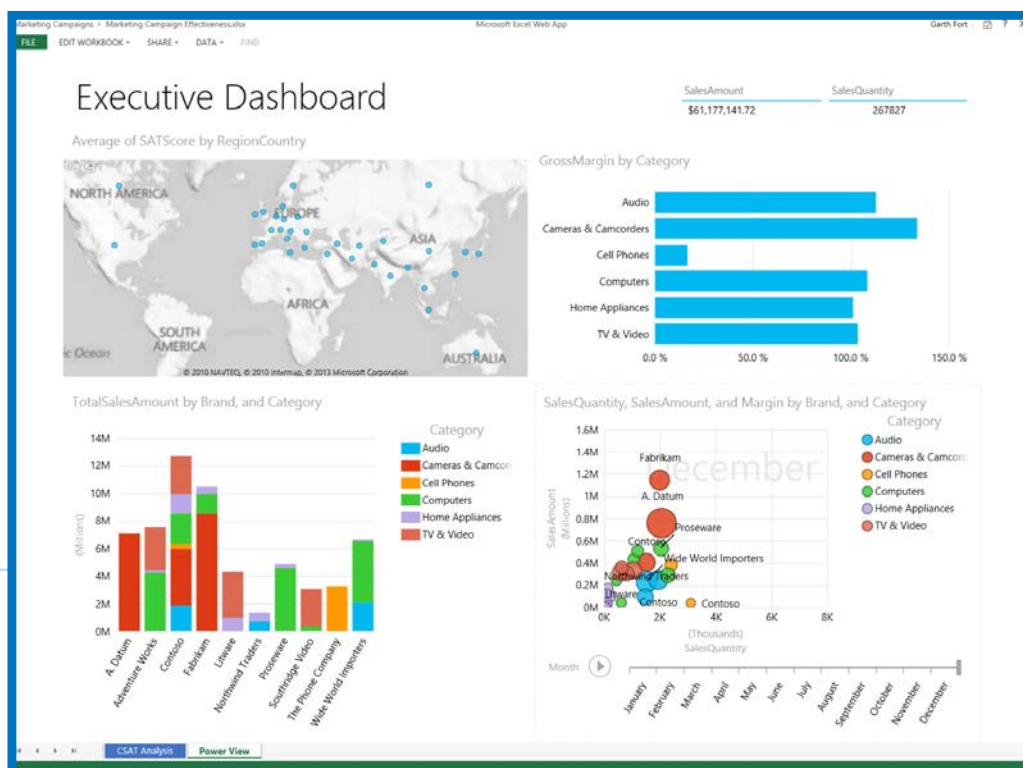
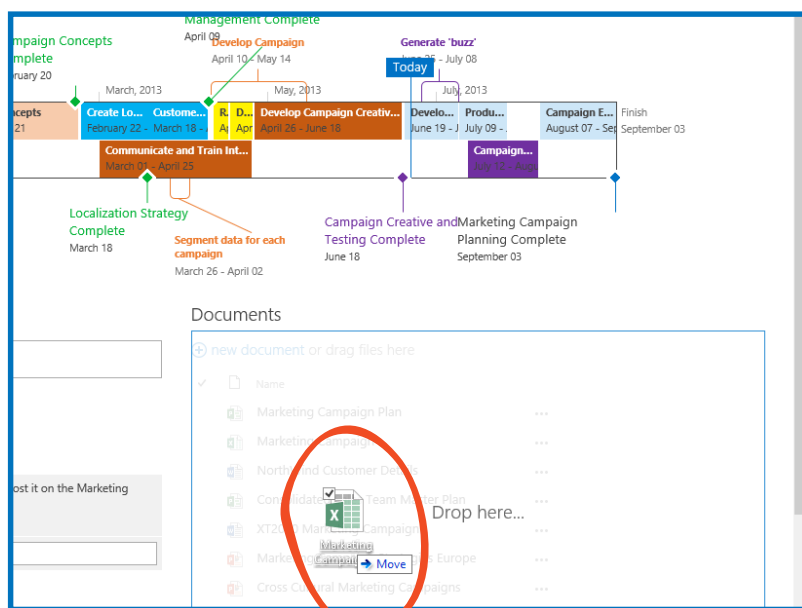


Interact with your information. Filter graphs, watch data evolve over time, and zoom in on specific views—all from the dashboard you created.

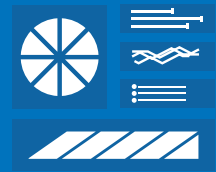


View and interact with your data

Just drag and drop your dashboards and models to your site to easily view and keep track of your information.



Learn more



Office 365 for Business Learning Center
<http://aka.ms/o365learning>