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Working with data in Power BI

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Power BI & Power Virtual Agents > Module 1 > Types of visualizations in Power BI

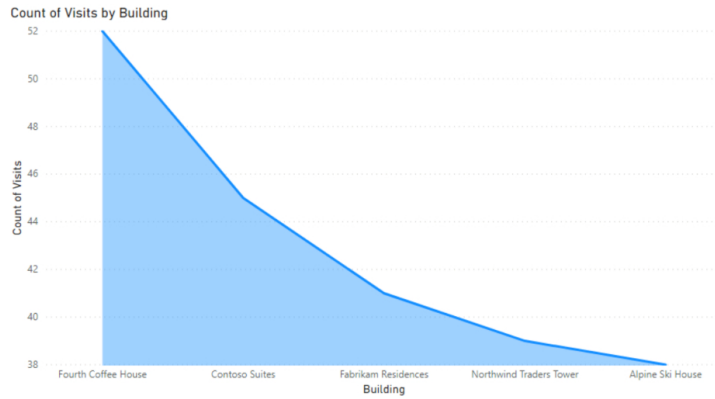
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Types of visualizations in Power BI

Below are just some of the many different types of visualizations that can be added to Power BI reports, specified in Q&A, and pinned to dashboards.

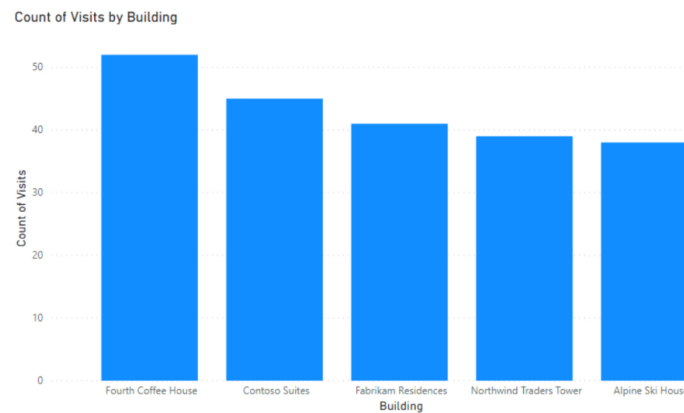
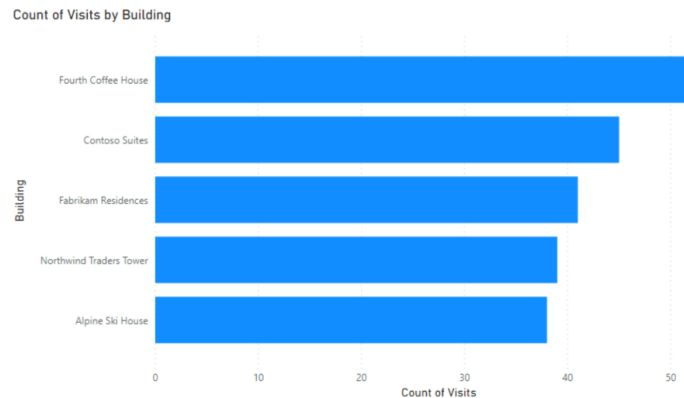
Area charts: Basic (Layered) and Stacked

The Basic Area chart is based on the line chart with the area between the axis and line filled in.

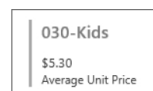


Bar and column charts

Bar charts are the standard for looking at a specific value across different categories



Cards: Multi row



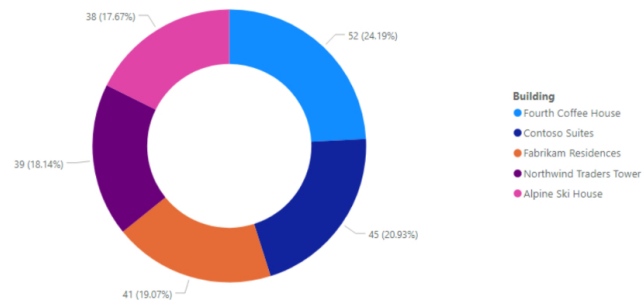
Cards: Single number



Donut charts

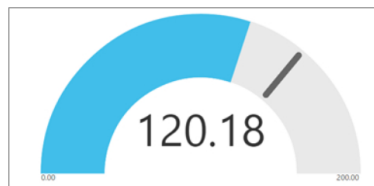
Donut charts are similar to pie charts. They show the relationship of parts to a whole.

Count of Visits by Building



Gauge charts

Displays current status in the context of a goal.



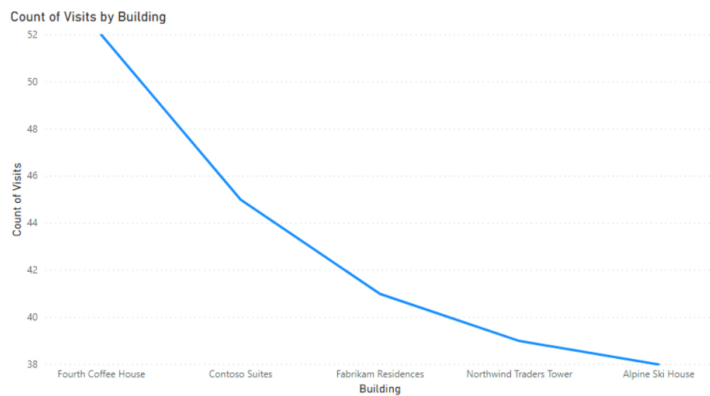
KPIs

Displays progress toward a measurable goal.



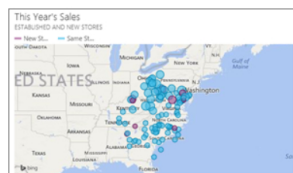
Line charts

Emphasize the overall shape of an entire series of values, usually over time.



Maps: Basic maps

Used to associate both categorical and quantitative information with spatial locations.



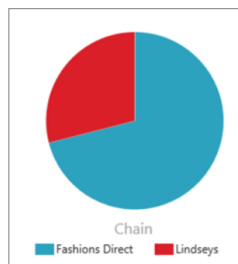
Matrix

A table supports two dimensions, but a matrix makes it easier to display data meaningfully across multiple dimensions -- it supports a stepped layout. The matrix automatically aggregates the data and enables drill down.

Quarter	Q1			Q2		
Year	Revenue	YTD Revenue	Revenue	Revenue	YTD Revenue	Revenue
2010	\$45,186,241.942528	45,186,241.94	\$70,609,615.88247627			
2011	\$47,641,801.21002861	47,641,801.21	\$71,129,453.27992704			
2012	\$3,054,664.289405166	3,054,664.29	\$72,265,467.93995765			
2013	\$45,011,474.33002325	45,011,474.33	\$74,627,866.02998048			
2014	\$45,648,089.42003715	45,648,089.42	\$77,663,582.71497234			
2015	\$45,186,241.942528336	45,186,241.94	\$70,609,615.88247627			
Total	\$281,728,513.13264656	45,186,241.94	\$436,905,563.72975754			

Pie charts

Pie charts show the relationship of parts to a whole.



Q&A visual

The Q&A visual lets you ask questions about your data using natural language.

Try one of these to get started

Top geo states by total units

Top geo states by total CTR&S units

Top geo states by total complete volume

[Show all suggestions](#)

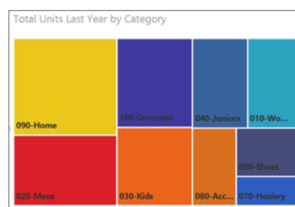
Q&A visual

The Q&A visual lets you ask questions about your data using natural language.

District	Count of StoreNumber	Average Selling Area Size
FD - 01	9	43.889
FD - 02	9	47.778
FD - 03	9	50.000
FD - 04	10	50.500
LI - 01	13	10.385
LI - 02	11	10.909
Total	61	33,361

Treemaps

Are charts of colored rectangles, with size representing value. They can be hierarchical, with rectangles nested within the main rectangles.



Waterfall charts

Waterfall charts show a running total as values are added or subtracted.



These are some of the out-of-the-box Power BI visuals available from the visualization pane in Power BI Desktop and Power BI Service. However, sometimes you need a more custom visual and these can be found in AppSource for Power BI.

Mark as completed