

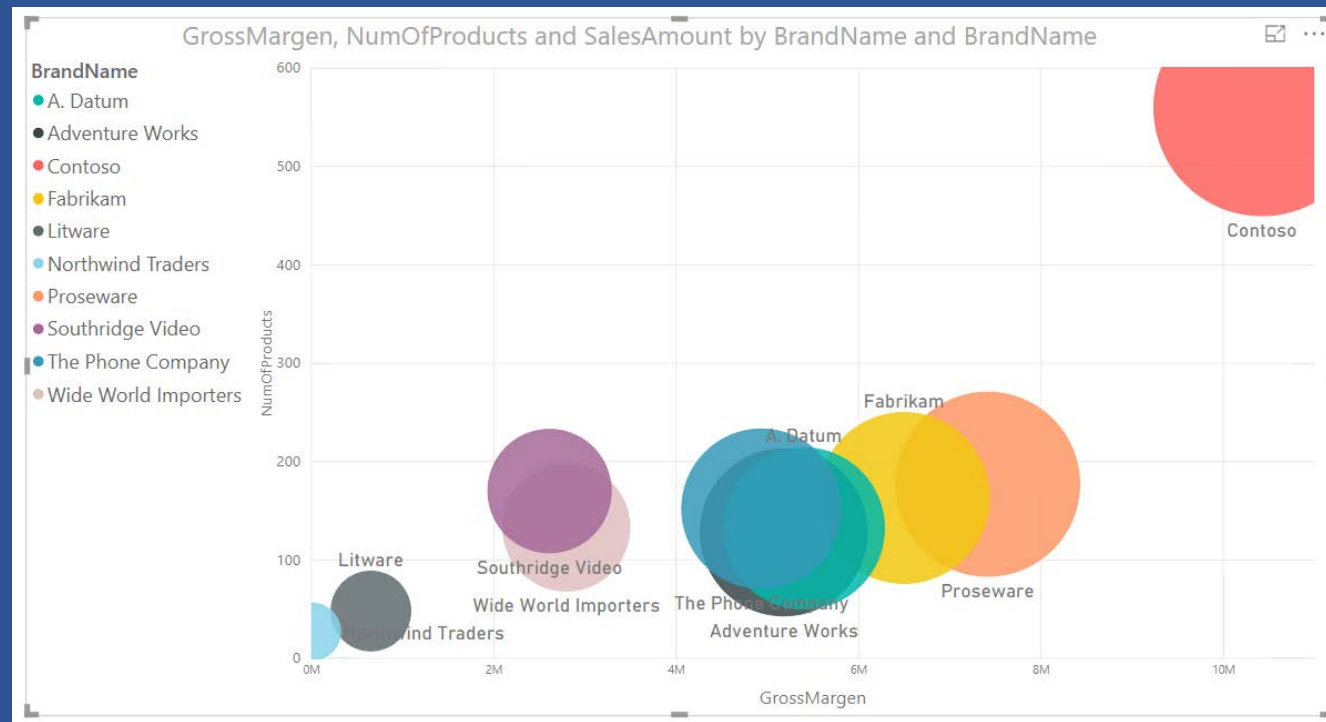
Scatter chart

Microsoft Power BI

What is Scatter chart?

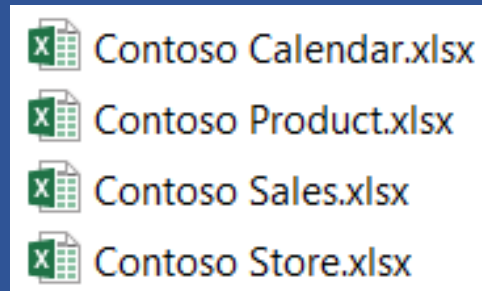
Mathematical diagram using Cartesian coordinates to display values for typically two variables for a set of data.

- Show number of products VS margin / category
- Size of bubble = amount sold



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1. New
2. Get data



3. Create measure in Sales

$\text{SalesAmount} = \text{SUMX}(\text{Sales}, \text{Sales}[\text{SalesQuantity}] * \text{Sales}[\text{UnitPrice}])$

4. Create measure in Product

$\text{SalesAmount} = \text{SUMX}(\text{Sales}, \text{Sales}[\text{SalesQuantity}] * \text{Sales}[\text{UnitPrice}])$

5. Create measure in Sales

$\text{GrossMargin} = \text{SUMX}(\text{Sales}, \text{Sales}[\text{SalesQuantity}] * (\text{Sales}[\text{UnitPrice}] - \text{Sales}[\text{UnitCost}]))$

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Make visual Scatter chart

The Fields pane on the left shows the configuration for a scatter chart. The visual is a scatter plot with a grid background. The X Axis is labeled 'GrossMargin' and the Y Axis is labeled 'NumOfProducts'. The Size of the data points is determined by 'SalesAmount'. The Color saturation is set to 'BrandName'. The Legend also shows 'BrandName'.

Details

BrandName

Legend

BrandName

X Axis

GrossMargin

Y Axis

NumOfProducts

Size

SalesAmount

Color saturation

Product	
<input checked="" type="checkbox"/>	BrandName
<input type="checkbox"/>	ClassName
<input type="checkbox"/>	Manufacturer
<input checked="" type="checkbox"/>	NumOfProducts
<input type="checkbox"/>	ProductDescription
<input type="checkbox"/>	ProductKey
<input type="checkbox"/>	ProductName
<input type="checkbox"/>	ProductSubcategoryKey
<input type="checkbox"/>	UnitCost
<input type="checkbox"/>	UnitPrice

Sales	
<input type="checkbox"/>	Σ channelKey
<input type="checkbox"/>	DateKey
<input type="checkbox"/>	Σ DiscountAmount
<input type="checkbox"/>	Σ DiscountQuantity
<input checked="" type="checkbox"/>	Σ GrossMargin
<input type="checkbox"/>	ProductKey
<input type="checkbox"/>	Σ PromotionKey
<input type="checkbox"/>	Σ ReturnAmount
<input type="checkbox"/>	Σ ReturnQuantity
<input checked="" type="checkbox"/>	Σ SalesAmount
<input type="checkbox"/>	Σ SalesKey
<input type="checkbox"/>	Σ SalesQuantity
<input type="checkbox"/>	StoreKey
<input type="checkbox"/>	Σ TotalCost
<input type="checkbox"/>	Σ UnitCost
<input type="checkbox"/>	Σ UnitPrice

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Final result

