

# DISCOVER POWER BI

How to Build and Share Reports  
Quicker and Cheaper



# Power BI Benefits

## Gain Time

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- Automate data import, transformation and reporting tasks
- Automate report sharing with colleagues
- Build ad-hoc reports quickly

## Great & Cheap Tool

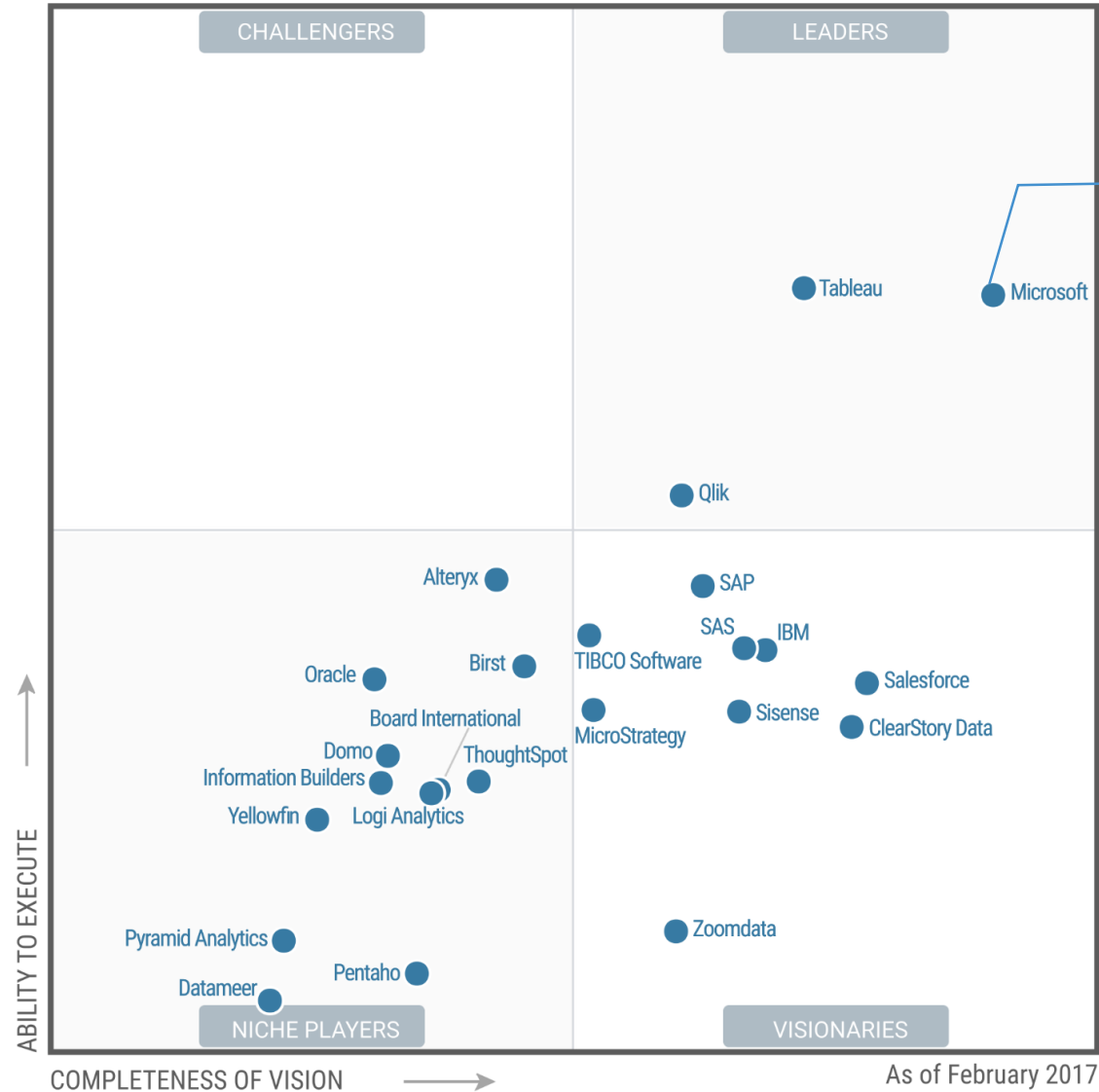
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- FREE – High ROI
- Access multiple data sources
- Interactive visualizations
- Fast calculations
- Advanced measures
- Microsoft quality product

## Easy to Learn

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- Limited training needed
- Plenty of training resources available:
  - Books
  - Blogs & forums
  - Videos
  - Classroom training



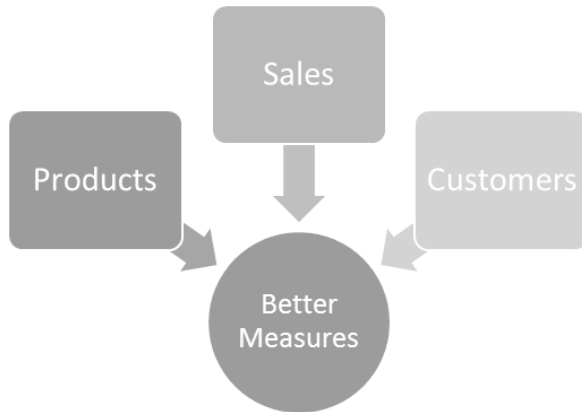
Source: Gartner, February 2017

In 2017 Gartner ranked **Power BI as the most visionary leader** in *Business Intelligence and Analytics Platforms* for its low cost, ease of use and active community.

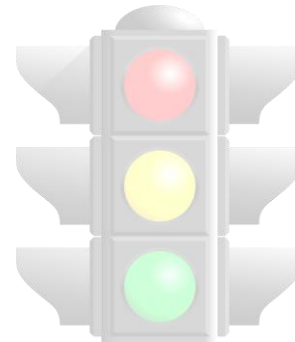


# Discover Power BI Advantages

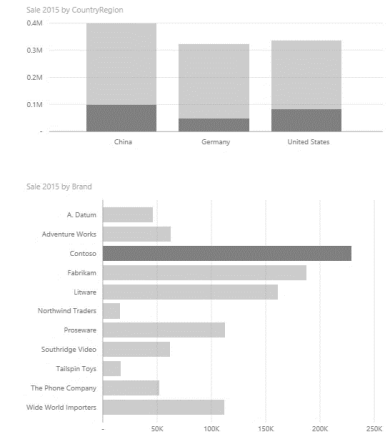
## 1 Import & Mix Data



## 2 Measures & KPI's



## 3 Interactive Reports



# Easily Access Various Sources

## Files



## Databases



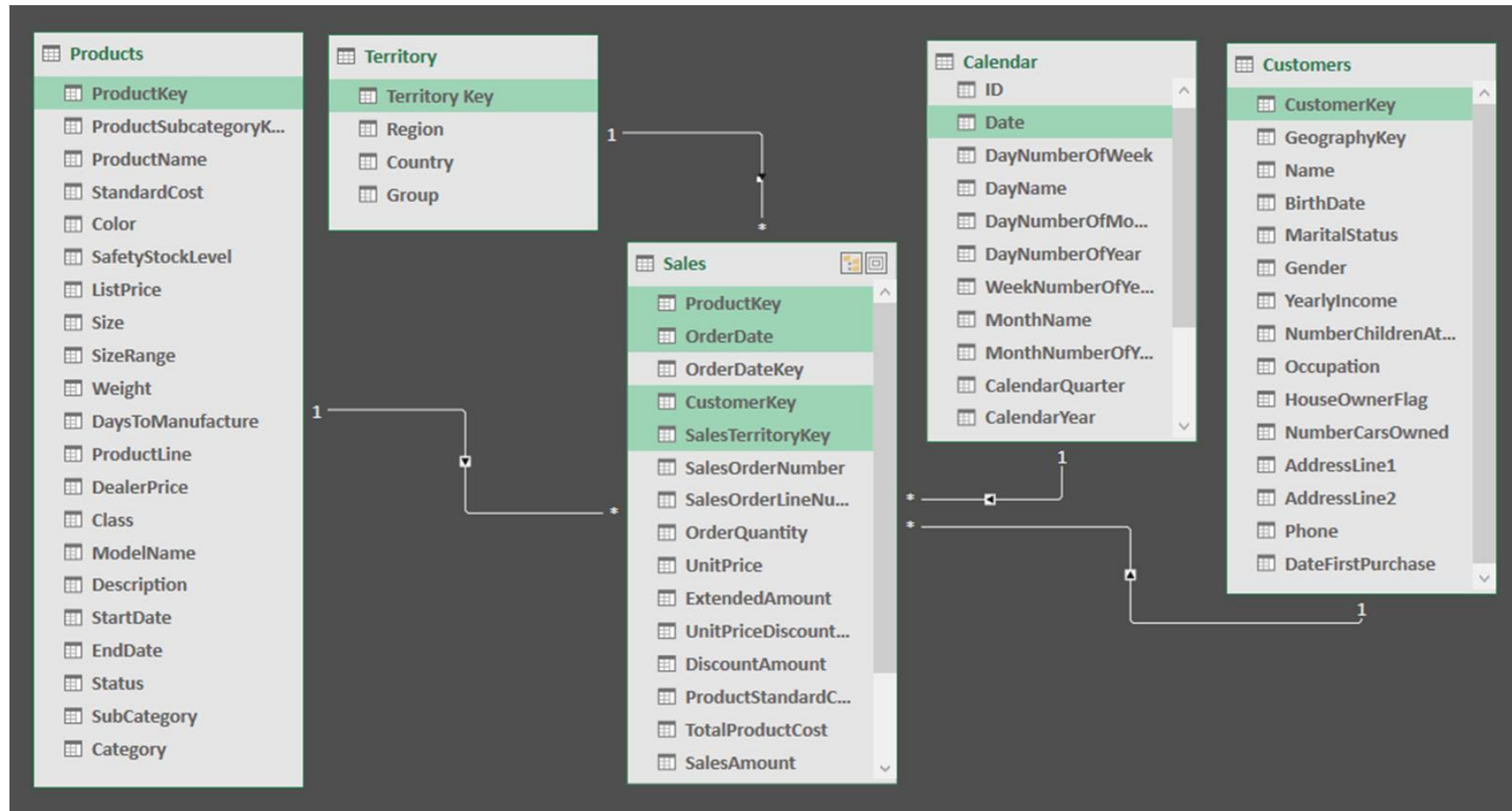
## Online Services



See complete list: <https://powerbi.microsoft.com/en-us/documentation/powerbi-desktop-data-sources/>

# Mix Data from Multiple Sources

CEO Request: Monthly Sales of Mountain Bikes above €1K per customer to single men in South Europe



# Quickly See Issues

Product Subcategory	Sales Amount	Margin %	KPI
Road Bikes	\$14,520,584	38%	✗
Mountain Bikes	\$9,952,760	45%	!
Touring Bikes	\$3,844,801	38%	✗
Tires and Tubes	\$245,529	63%	✓
Helmets	\$225,336	63%	✓
Bike Stands	\$39,591	63%	✓
Bike Racks	\$39,360	63%	✓
<b>Grand Total</b>	<b>\$28,867,961</b>	<b>41%</b>	!



Less than 40%



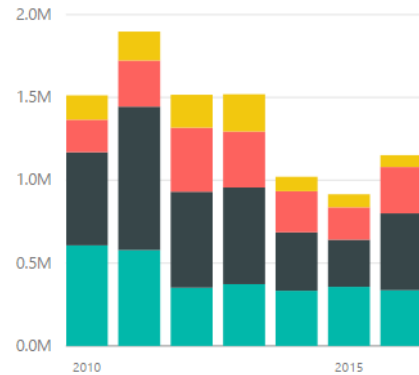
Between 40% and 50%



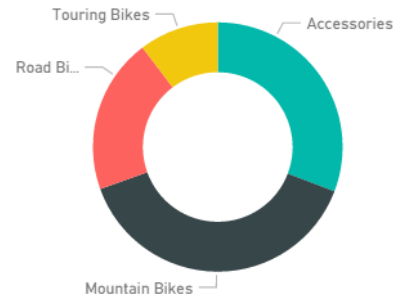
Above 50%

# Use Stunning Visualisations

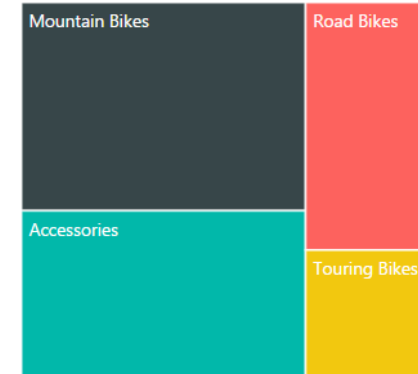
### Column & Bar



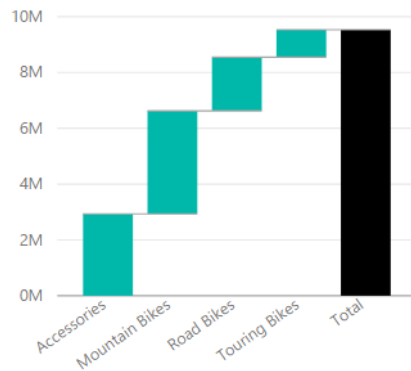
### Donut & Pie Chart



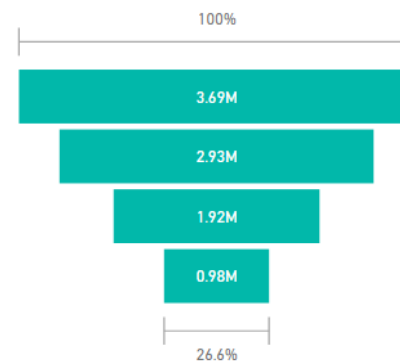
### Tree Map



### Waterfall



### Funnel Chart



### Map





# Create Custom Visuals

## Store Heat Map



## Globe 3D Heat Map

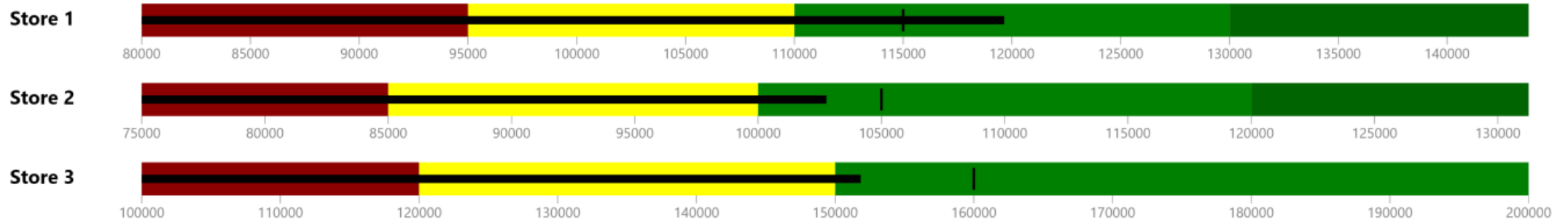


## Calendar Heat Map



# Provide Context with Bullet Charts

Revenue by Store



Legend



# Share Reports on PC, Tablet & Mobile





# Benefits Summary

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# Learn More



[Powerbi.com](https://powerbi.com) (software, blog, training etc.)



[Microsoft Power BI in 60 Seconds](#)

[Getting Started with the Power BI Desktop \(3min\)](#)

[Create a Report in the Power BI Desktop \(4min\)](#)

And many more...

[powerpivotpro.com](https://powerpivotpro.com)

[www.powerquery.training](https://www.powerquery.training)

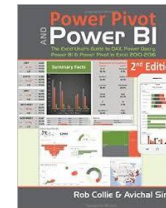
[exceleratorbi.com.au](https://exceleratorbi.com.au)

[www.sqlbi.com](https://www.sqlbi.com)



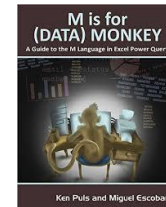
[Introducing Power BI \(free eBook\)](#)

*Alberto Ferrari and Marco Russo*



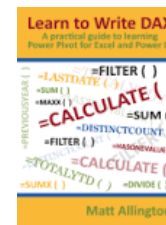
Power Pivot and Power BI – The Excel User's Guide to DAX, Power Query, Power BI & Power Pivot in Excel 2010-2016

*Rob Collie & Avichal Singh*



M is for (Data) Monkey – The Excel Pro's Definitive Guide to Power Query

*Ken Puls and Miguel Escobar*



Learn to Write DAX

*Matt Allington*