

## Power BI and Data Visualisation Learning Resources

Now that we have completed the Power BI course here are a few resources to learn more about Power BI.

The YouTube channel, <https://www.youtube.com/londonbusinessanalyticsgroup>, has lots of short videos on Power BI. There is a playlist on [getting started with Power BI](#) and also ones on more advanced topics such as data modelling and mapping. There is also a link to the datasets and worked examples shown in the video so you can explore and experiment with these yourself.

The image shows three YouTube playlists from the channel 'London Business Analytics Group'. Each playlist is titled and includes a 'PLAY ALL' button. The first playlist, 'Getting started with Power BI', contains six videos with durations ranging from 6:32 to 20:10. The second playlist, 'Data Modelling in Power BI', includes a description of Chris Barber's sessions and six videos with durations from 27:45 to 35:29. The third playlist, 'Creating maps in Power BI', also has six videos with durations from 5:46 to 22:59. Each video thumbnail shows a preview of the content, such as charts, data tables, or maps.

**Getting started with Power BI** ▶ PLAY ALL

- Visualising Distributions in Power BI (8:32)
- Small Multiples in Power BI (7:31)
- Bi-directional, many-to-many and virtual relationships in... (21:22)
- Visualising the Cleaned Titanic Data (9:06)
- Cleaning Data With Power BI (13:53)
- Visualising Data with Power BI (20:10)

**Data Modelling in Power BI** ▶ PLAY ALL

Video of Chris Barber's series of sessions on data modelling in Power BI.

- Power BI: The Income Statement (27:45)
- Data Modelling: From Single Table To Star Schema - Chris Barber (39:11)
- Data Modelling: Disconnected Tables, Hierarchies and Virtual Relationships (28:21)
- Row Level Security With Hierarchies (33:30)
- Gathering data from APIs in Power BI (25:15)
- Slowly Changing Dimensions in Power BI (35:29)

**Creating maps in Power BI** ▶ PLAY ALL

- Filtering Shape Files With QGIS (5:46)
- Creating Shape Maps In Power BI (9:36)
- Building Data Maps with the Mapbox Visual in Power BI (10:08)
- Creating Point Maps In Power BI (22:59)
- The Azure Map Visual (8:08)

The YouTube channel How to Power BI with Bas ([97](#)) [How to Power BI - YouTube](#) has wonderfully explained short how-to video on all aspect of Power BI. Highly recommended.

The Power BI Program Managers have put together a [YouTube playlist](#) titled “Analyze & Visualize Data with Power BI”. Many people start their Power BI learning journey here. The videos are very short, usually under five minutes and get straight to the point. It’s also available as an EdX course.



## Analyze & Visualize Data with Power BI

157 videos • 2,466,287 views • Last updated on 4 May 2018



These videos are part of the "Analyzing and Visualizing Data with Power BI" course available on EdX.

To sign up for the course, visit: <http://aka.ms/pbicourse>.

Course materials/lab documents can be found at <https://github.com/MicrosoftLearning/...>

To read more:

Power BI service [https://aka.ms/pbis\\_gs](https://aka.ms/pbis_gs)

Power BI Desktop [https://aka.ms/pbid\\_gs](https://aka.ms/pbid_gs)

Power BI basic concepts tutorial:

<https://aka.ms/power-bi-tutorial>


1		<b>Introduction to Power BI (0-1)</b> Microsoft Power BI 2:04
2		<b>Overview of Power BI Desktop and Power BI service (0-2)</b> Microsoft Power BI 5:02
3		<b>Connect to SaaS apps through web interface/Power BI service (0-3)</b> Microsoft Power BI 3:22
4		<b>Introduction to Power BI - Summary (0-4)</b> Microsoft Power BI 0:45
5		<b>Introduction to Power BI Desktop (1-1)</b> Microsoft Power BI 1:00
6		<b>Connect to an Access database (1-2)</b> Microsoft Power BI 3:08
7		<b>Basic transformations (1-3)</b> Microsoft Power BI 6:29

Microsoft Learn provides some free lessons [here](#).


MICROSOFT LEARN FOR POWER BI

## Find the right Power BI training for you


Read, create, or extend reports and dashboards? Increase your skills here.



**COLLECTIONS**  
**Get started using Power BI**  
Learn how to get the most out of your organization's dashboards and reports.  
[Explore the collection](#)




**COLLECTIONS**  
**Become a Data Analyst**  
Data Analysts enable businesses to maximize the value of their data assets by using Microsoft Power BI. Learn the skills needed to become a Microsoft Certified Data Analyst.  
[Explore the collection](#)




**COLLECTIONS**  
**Develop with the Power Platform**  
Learn how to develop with the Power Platform, Microsoft Dataverse, Power Apps, and the Power Apps Component Framework.  
[Explore the collection](#)


### Your path to get started




**LEARNING PATH**  
**Consume data with Power BI**  
2 hr 9 min  
Beginner Business User Power BI




**LEARNING PATH**  
**Create and use analytics reports with Power BI**  
6 hr 15 min  
Beginner Business User Power platform



**LEARNING PATH**  
**Get started with Microsoft data analytics**  
1 hr 3 min  
Intermediate Data Analyst Power BI



**LEARNING PATH**  
**Introduction to developing with Power Platform**  
2 hr 22 min  
Intermediate Developer Dynamics 365



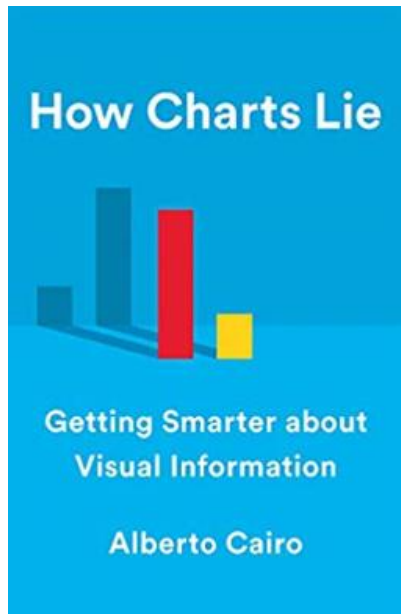
**LEARNING PATH**  
**Use DAX in Power BI Desktop**  
2 hr 11 min  
Intermediate App Maker Power BI

## Data Visualisation

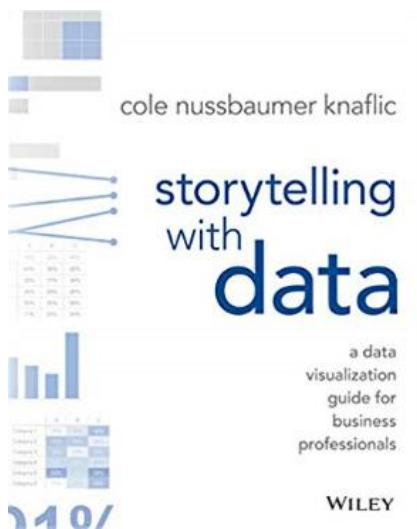
Here are a couple of resources on the principles of data visualisation – not specifically Power BI or any other product.

[Alberto Cairo](#) has just written a great book '[How Charts Lie](#)' that shows how to read charts carefully and intelligently, with many fantastic examples. Here is a [video on youtube](#) of a talk he gave on the subject at a recent conference. Alberto is a professor of visual journalism at the university of Miami. He has previously written two of books on data visualisation with a journalism focus; 'The Truthful

Art' and 'The Functional Art'.



'[Storytelling with Data](#)' by Cole Nussbaumer Knaflic makes us think about how to tell the story and motive behind the data. She spoke at Google a few years ago ([Link](#)).



Let's practice: what story could we tell?

