



Power BI Visual Best Practices (1 day)

Target group

This training will be most useful if you have worked with Power BI Desktop and want to learn how to leverage best practices in data visualization. The practical training will introduce the theory and best practices derived from visual analytics. The training can be delivered as individual or small group training (recommended group size 2 to 5 people).

Duration of training

1 day

Prerequisites

About a year's experience of working with Power BI

Content of the training material

The training material includes presentation material and a Power BI workbook. The presentation material reviews the main theories and concepts related to data visualisation. The Power BI workbook contains the practical exercises to be used in the training with data sources and model solutions.

Content of the training day

- **Module 1: Introduction – why visualise your data?**
 - Faster insights
 - Bypassing working memory constraints
 - Best examples from the history of data visualisation
 - The importance of storytelling
- **Module 2: How to build effective visualisations?**
 - Making use of pre-attentive attributes
 - Choosing the right type of graph for different situations through practical exercises
 - Percentage of the total
 - Change over time
 - Correlation
 - Distribution and dispersion
 - Location information
- **Module 3: How to make effective dashboards?**
 - Structuring information using Gestalt principles
 - Considering context in dashboard design
 - The main principles of building a dashboard, taking into account the elements of visual analytics. Practical exercise
- **Module 4: Summary**
 - Avoiding the most common mistakes
 - Critical evaluation of your own work using the checklist

» After the training you will

- *understand the main theories and concepts of visual analytics, such as pre-attentive attributes and gestalt principles*
- *know how to apply theories to practice*
- *know how to avoid the most common pitfalls of visual analytics*
- *know how to use colours and other visual elements effectively*
- *understand how different types of graphs can be used for different purposes and be able to apply them in practice*
- *know how to create different types of graphs and their combinations and understand the main principles of dashboard design*
- *know how to construct meaningful visual representations*
- *know how to use clever power user tips to get results faster and avoid redundant work*

Delivery of training

Training arrangements are agreed separately for each training. Training can be provided on Knowit's premises, at the customer's premises or remotely. Maximum 5 people per group.