

Data Visualisation (EN)

Group Training

Training code	CGADAVISCE
Spoken Language	English
Language Materials	English
Dayparts	2
Price	€800,00 excl. VAT No extra costs.

What is Data Visualisation

Data is becoming increasingly accessible and available to everyone within your company. To extract value from that data, it is important to communicate your insights to your audience in an understandable and clear way. The way to do that is through effective data visualization.

Data visualization is a graphical representation of data in the form of graphs, charts and maps. This helps you to gain insight into patterns, trends, relationships, exceptions and to guide decision-making. In addition, our visual system consists of pattern seekers, which are very complex, subtle and based on rules. Failure to follow those rules correctly can cause information to be misinterpreted.

The following topics are discussed during this training:

- Which type of visualization do I choose for which purpose and why?
- How do I deal with layout technical matters (color, shape, saturation)
- How do you use data visualization to tell your story?
- What are the do's and don'ts for creating a visualization?
- What does a design for an effective report/dashboard look like?
- How can the psychology of the human brain be applied to create effective reports?
- What are the basic theories for visual perception (e.g. Gestalt principle)?
- What are Stephen Few's 8 Core Principles?

During the interactive session, the above points are discussed on the basis of cases. You can also put the acquired theory into practice through assignments.

Who should attend Data Visualisation

The Data Visualization training is suitable for:

- Starters at the beginning of their career
- Report Developers
- Data Analysts



- Business Analysts
- Information Analysts
- Data Scientists

Prerequisites

There are no specific requirements to participate in this training. Experience with a reporting tool is an advantage (Power BI, Tableau, etc.).

During this training you need a laptop.

Objectives

After this training, the participant has knowledge of the following topics:

- Explain why data visualization is important
- What types of data visualizations exist and when do you use which?
- How to make an impact with data visualization
- How to develop an effective report/dashboard
- How the human brain processes visual information and how you can apply this to visualize data

If a third-party copyright applies to this course, you will find the copyright on <https://academy.capgemini.nl/en/topic/trademarks/>

Capgemini Academy's general terms and conditions are applied to all products and services mentioned within this document. For the latest version please check <https://academy.capgemini.com/>. The rates of products and services mentioned in this document are subject to change. For the most recent rates, please also visit our website.

About Capgemini Academy

Capgemini Academy's professionals offer what people in IT need. Our professionals have a keen eye for motivation, talent and are aware of specific contexts and circumstances. They move people to move. Programmes and courses that originate from daily experience of our both didactical and substantively strong trainers, light a fire within the individual IT professionals. Real life stories of our professionals' experience that tell how to solve problems and work with the people around it, do the rest.

An organization, like ours, helps people and their organizations day by day to get the best out of themselves and each other. We prepare them to defy tomorrow's challenges. We stimulate learning and curiosity. In order for individual IT professionals and their employers, to build better, longer and more intensive relationships. For mutual benefit.

Capgemini Academy. We transform IT professionals
academy.capgemini.nl

IN/3A-018.18