

Introduction to data visualisations - Lesson overview

Data visualisation is the art and science of visually **representing data and complex information** as charts, graphs, and other visual elements. It enables us to transform raw data into intuitive and accessible representations of data that we can use to **identify patterns, trends, and relationships** in the data.

In this lesson, we'll take a look at **what data visualisation is** and **how to choose the most appropriate visualisation** based on our data and the story we want to tell. By the end of this lesson, you will know how to choose appropriate visualisations, create them in Google Sheets, and be able to interpret and analyse them.

Learning objectives

- Understand what data visualisation is and why it's important.
- List and describe the different data visualisation categories, namely comparison, composition, relationship, and distribution.
- Know how to create and edit charts in Google Sheets such as bar charts, line graphs, 100% stacked bar charts, 100% stacked area charts, and others.

 Video

 Knowledge questions

 Walk-through

 Reference card

