

# Graphs in Spreadsheets

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In this tutorial, you'll learn how to create visualisations to display data and gain more meaningful insights with spreadsheets.

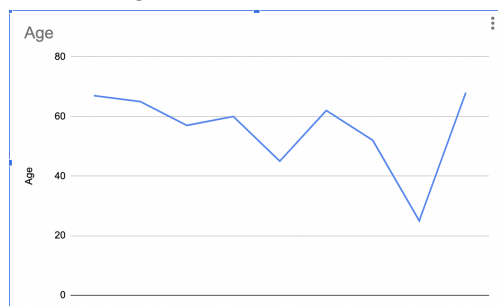
## Introduction

Even though graphs do not need any introduction, to put it simply, graphs are a graphical representation of various points of a domain. Graphs help you view and analyse your data in a more realistic and simplified way. It is just like a picture speaks a thousand words.

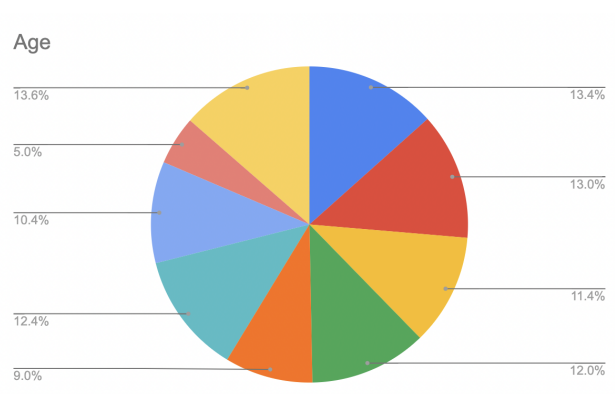
## Types of Graphs

There are many different kinds of graphs, but we are covering a few for reference:

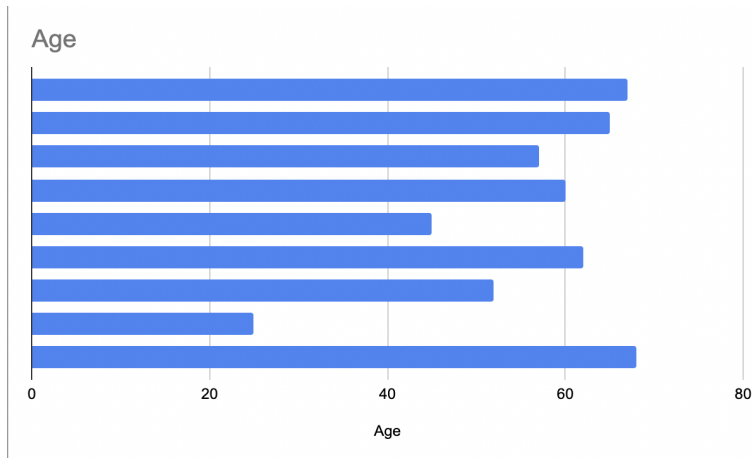
- **Line Graph:** Used to visualise the information that is connected over time.



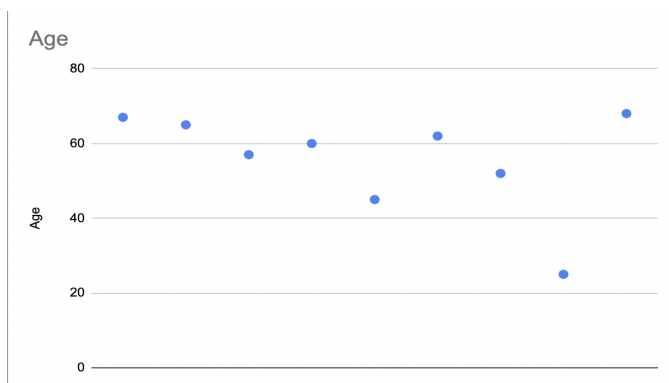
- **Pie Chart:** A circular statistical graph, which is divided into slices to illustrate numerical proportion.



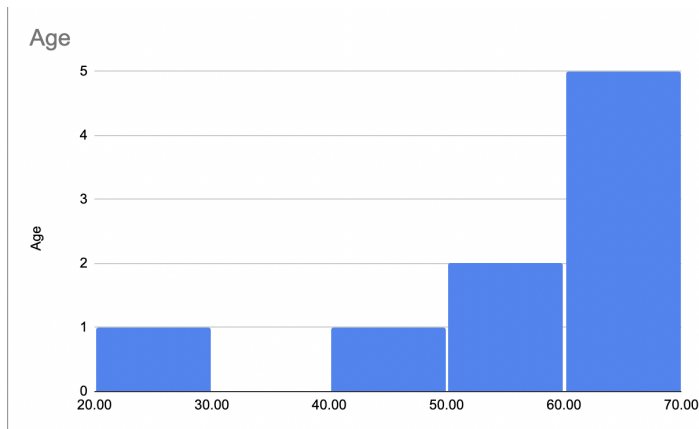
- **Bar Graph:** It uses bars to compare data among categories. It can be both horizontal or vertical.



- **Scatter Plot:** Values of two variables are plotted along the x-axis and y-axis as dots.



- **Histogram:** A bar graph creates a view of the data's distribution. The vertical bars represent the frequency of occurrence by classes of data.



- **Box Plot:** It displays the five-number summary of a set of data. The five-number summary is the minimum, first quartile, median, third quartile, and maximum.

