

# Introduction to Data Visualization in Python

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# Why is Visualising data important?

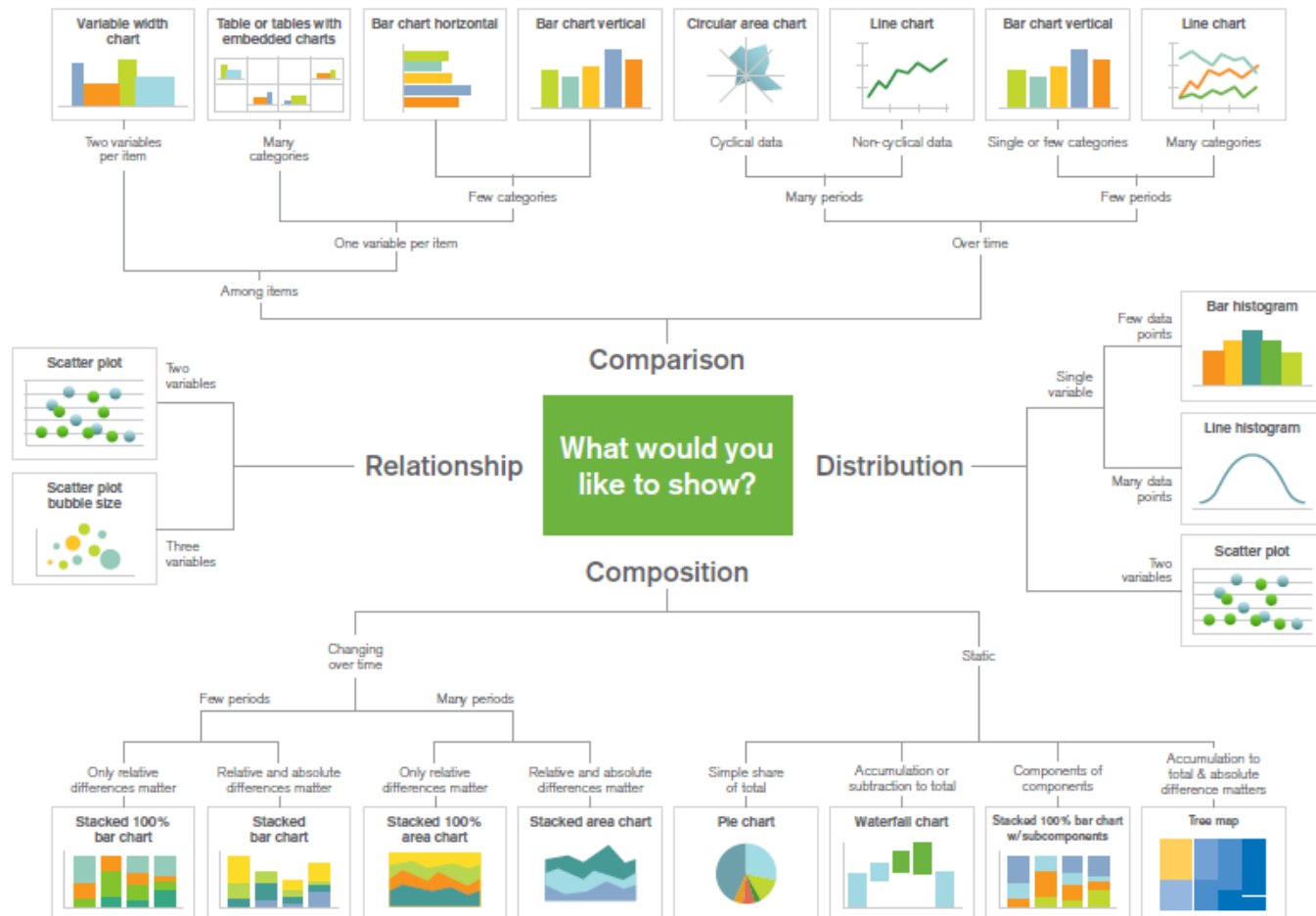
- Visualisation takes Data Analysis a step further by applying information graphics to convey patterns and trends
- It allows for faster processing of data sets for the purpose of drawing conclusions, and improved insights from large data sets.
- Visualisation makes it easier to detect patterns, trends, and outliers in groups of data that might not be otherwise detected or exposed.

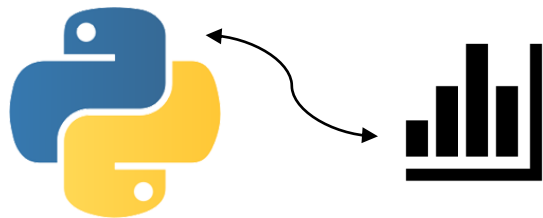
## You can easily identify

- Correlations in data
- Trends Over Time
- Areas that need attention or improvement



# Picking a chart



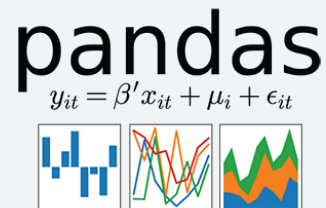


# Python Visualisation

*Interactive Environment*



*Data Manipulation library*



*Visualisation library*



Workshop Link

[ibm.biz/datavis](https://ibm.biz/datavis)

IBM Cloud Signup Link

[ibm.biz/data/datavisualisation\\_yr](https://ibm.biz/data/datavisualisation_yr)