## 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.

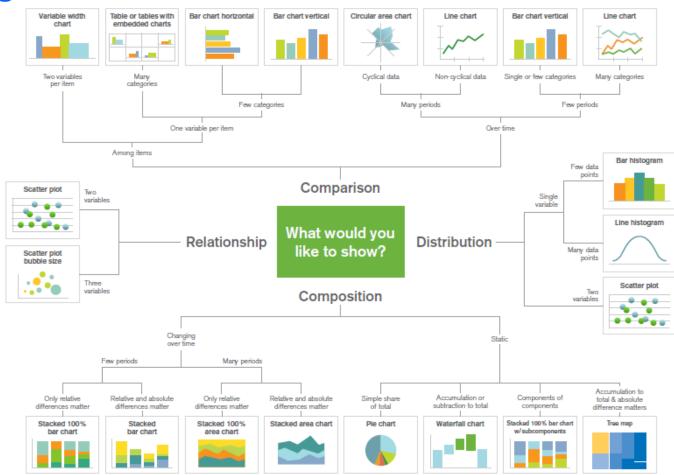
#### You can easily identify

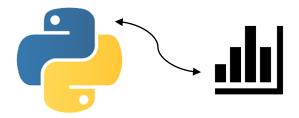
- Correlations in data
- Trends Over Time
- Areas that need attention or improvement

Q2 Q3 Q4

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#### **Picking a chart**





# **Python Visualisation**

#### Interactive Environment



Data Manipulation library









Visualisation library





Workshop Link

ibm.biz/datavis

IBM Cloud Signup Link

https://ibm.biz/BdfBsb