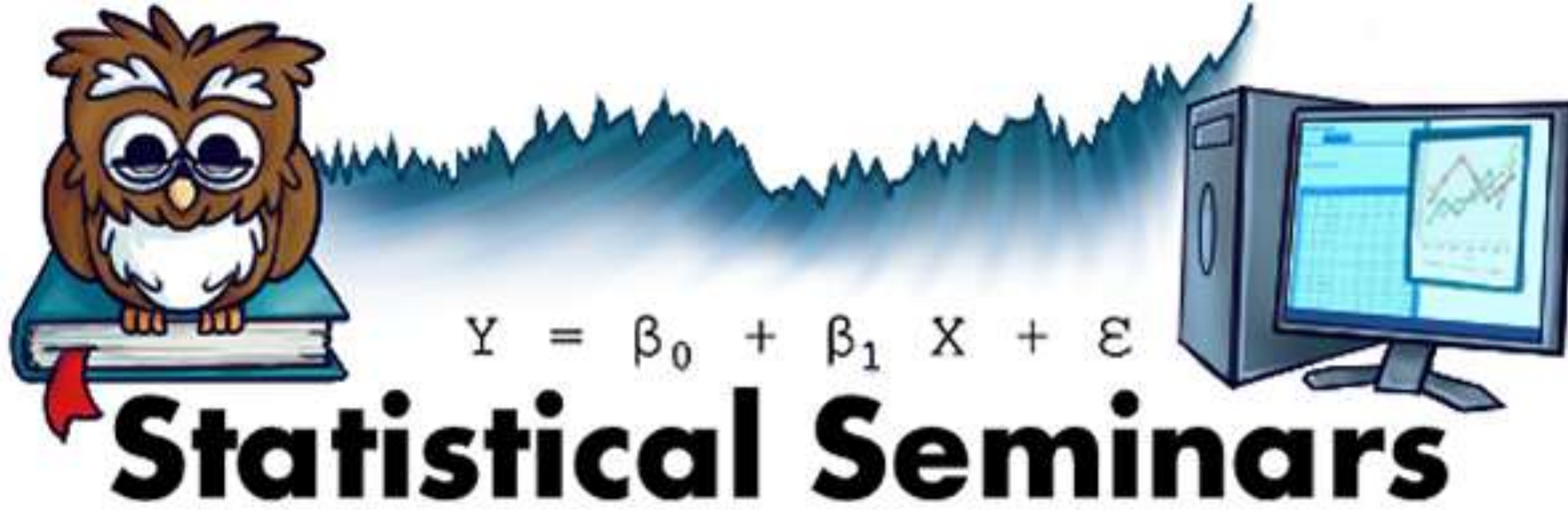




# Python Basics for Data Science





## Review

Jupyter Notebook  
Python basics  
Extract Transform Load

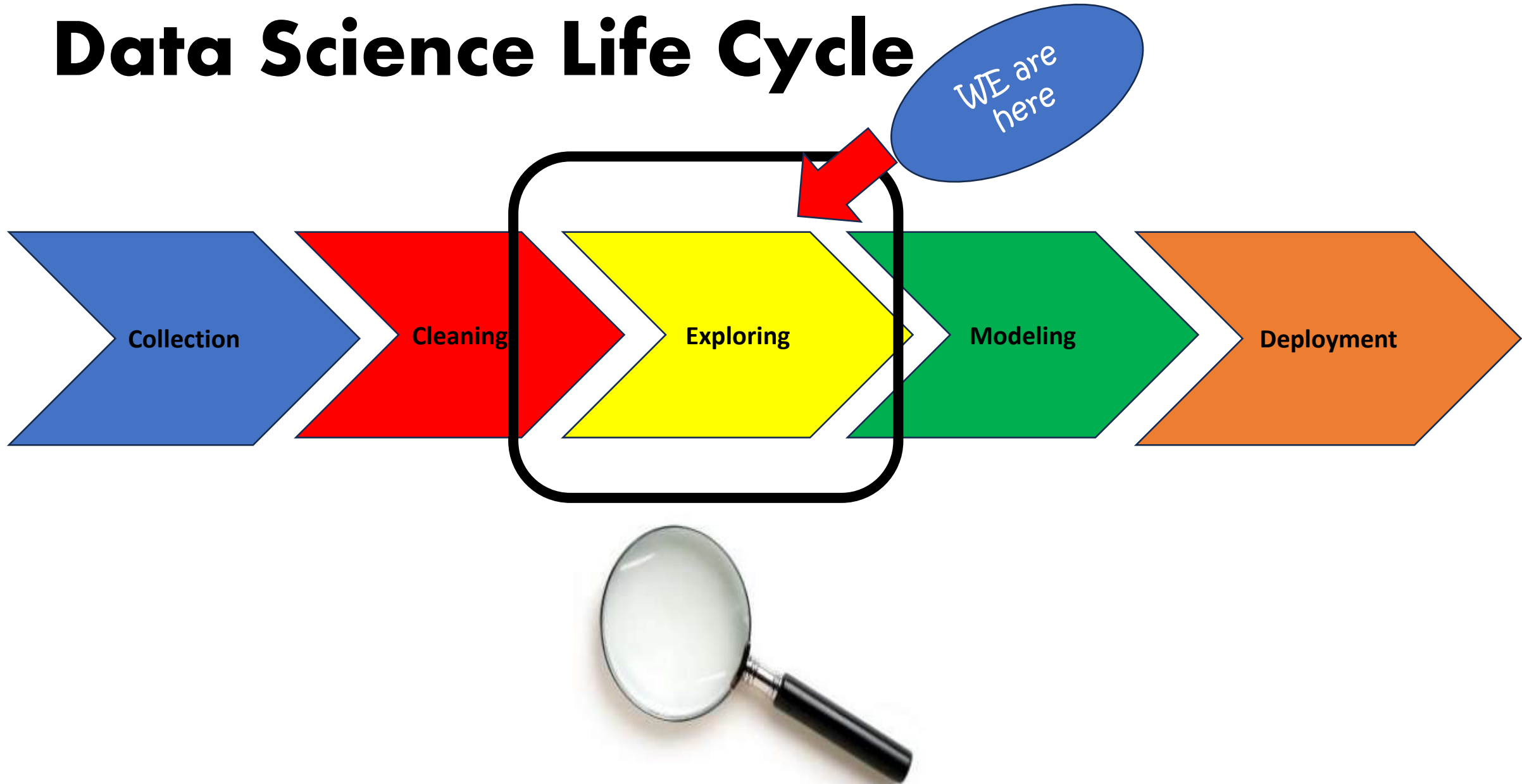
## Day 2

Strings  
Data Visualizations  
Exploratory Data Analysis

# Rules

- **Please respect others**

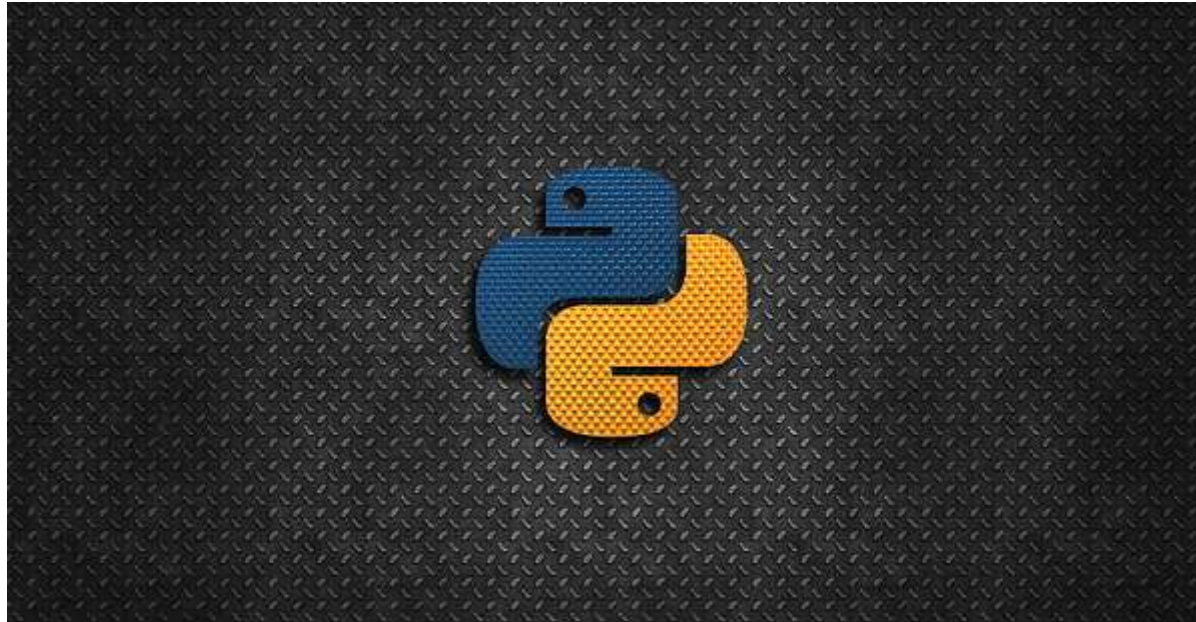
# Data Science Life Cycle



# Working with Strings

- strings are "immutable" which means they cannot be changed after they are created
- essential for extracting specific information
- statistical text analysis and data processing
- facilitates the extraction of information or transforming tables

# Exercise / Break



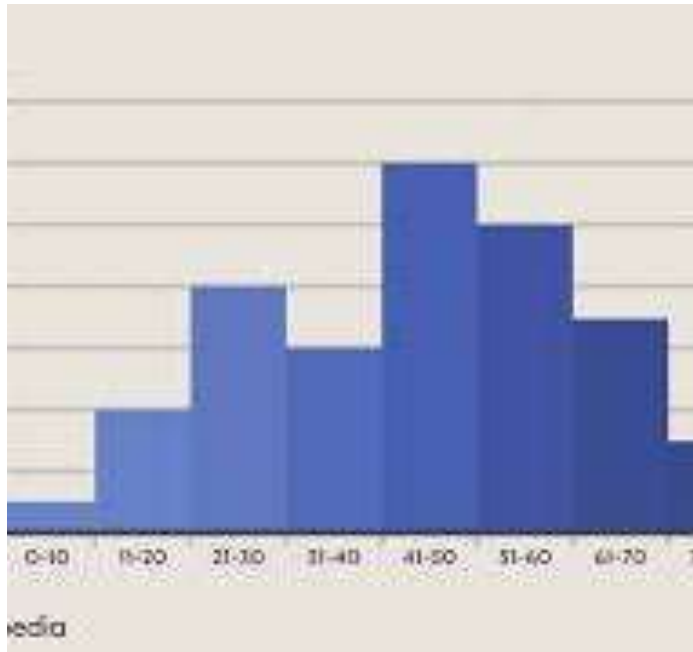
# Data Visualization

*matplotlib*

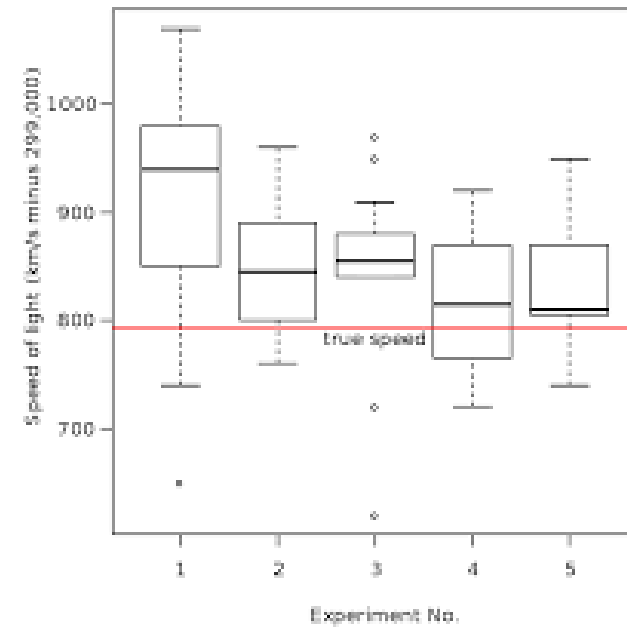
 *seaborn*

# Data Visualization

Histogram



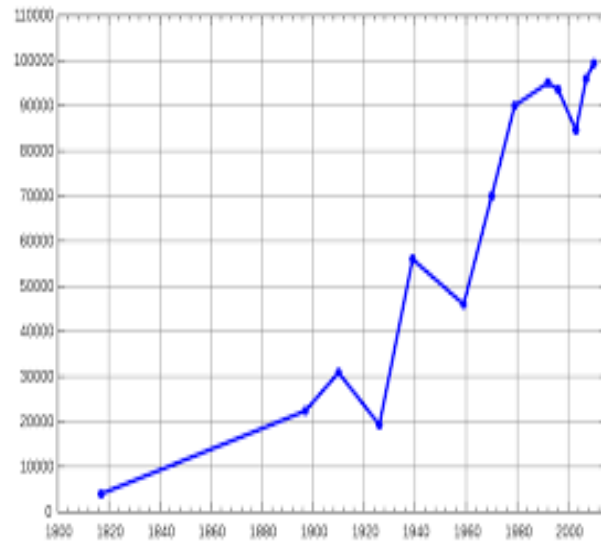
Boxplot



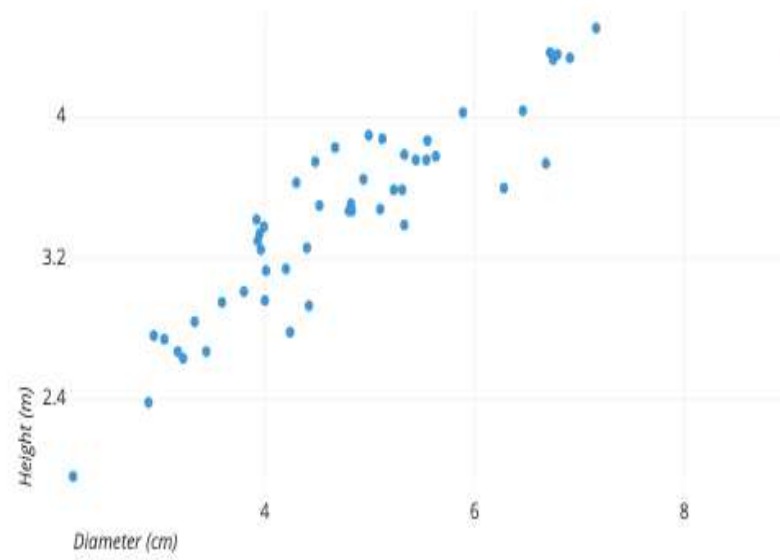


# Data Visualization

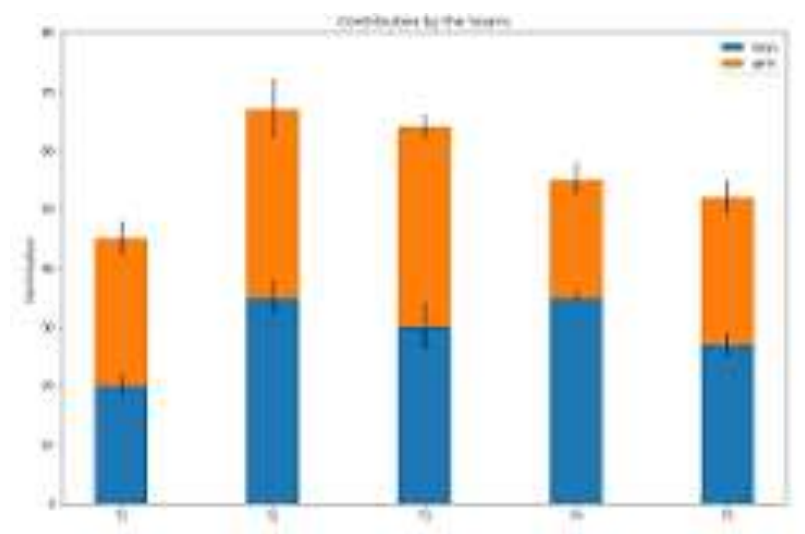
Line Chart



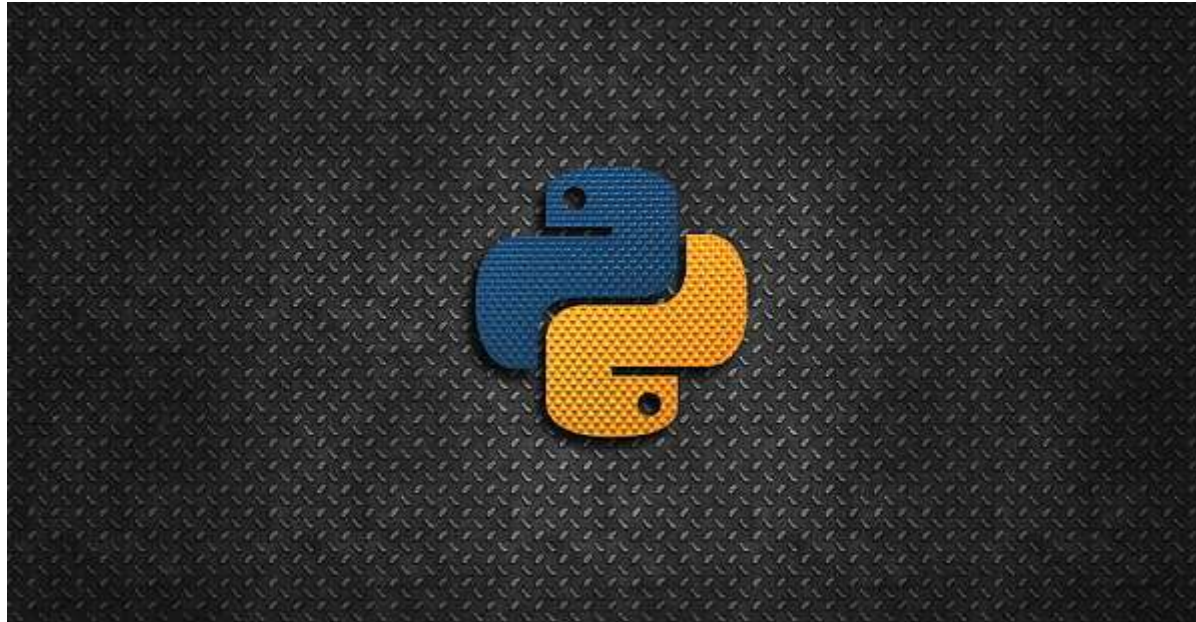
Scatter Plot



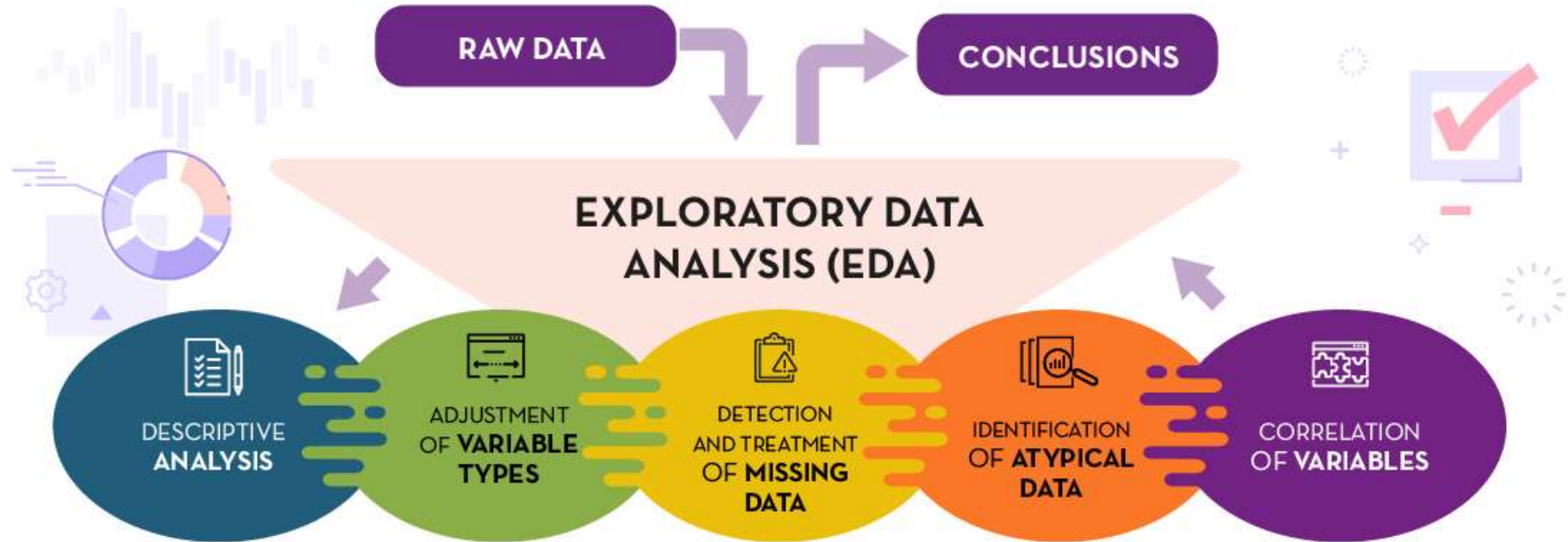
Bar Plot



# Exercise / Break



# EDA - Exploratory Data Analysis



# Exercise / Break

