

# **Data Visualisation Project**

## **Objective**

The aim of the project is to create multiple codes for exploratory data analysis (EDA) and creating web applications that will serve as a go to reference for projects in future. Multiple datasets will be used so that a wide variety of plots can be covered which captures different aspects of the data.

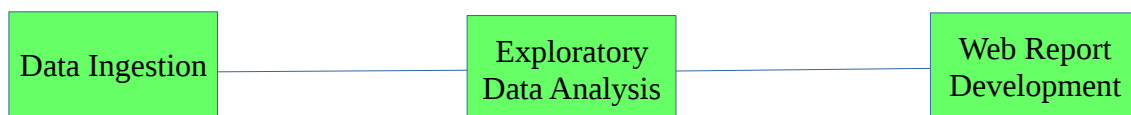
## **Tools**

The analysis will be done in python. While pandas will be used for quering data, for data visualisation we will use plotly. It is the most advance plot creating library in python as of now. Also the next step will be to package the plots created in a web application using python's dash framework. Hence plotly and dash will be main python libraries that will be used.

## **Project-1: Campus Recruitment Analysis**

The dataset taken is [campus recruitment](#) from kaggle. It contain information about a batch sitting for placement and salary statistics. The objective is to summarise the datasets and find patterns about how the profile of a candidate is linked to his/her placement.

The whole process can be divided into 3 parts -



### **1) Data Ingestion**

In this step we basically transfer the data from the web source to a database and then call the data from database to python. Follow these steps for the same-

Download data(in csv) ==> Create table schema in MySQL ==> Import data from csv to MySQL ==> Call data from MySQL to python