# Project Preparation Phase Data Collection

Date	25 November 2022
Team ID	PNT2022TMID30140
Project Name	University Admit Eligibility Predictor
Maximum Marks	

#### **Importing the Libraries:**

#### **Import Libraries**

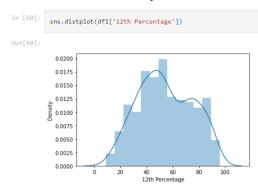
```
import pandas as pd
import numpy as np
import seaborn as sns
import matplotlib.pyplot as mtp
import sklearn
from scipy.stats import iqr
```

#### **Reading the Dataset:**

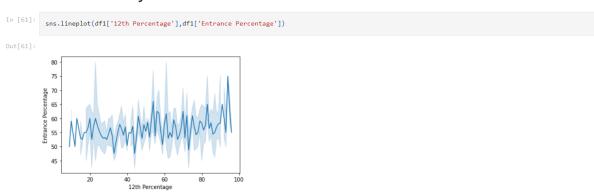
ut[54]:		S.NO	<b>University Name</b>	District	12th Percentage	Entrance Percentage	Department	Output
	0	1	Aligarh Muslim University	Aligarh	55	80	Computer Science and Engineering	Yes
	1	2	Aligarh Muslim University	Aligarh	85	80	Computer Science and Engineering	Yes
	2	3	Aligarh Muslim University	Aligarh	74	80	Computer Science and Engineering	Yes
	3	4	Aligarh Muslim University	Aligarh	92	80	Computer Science and Engineering	Yes
	4	5	Aligarh Muslim University	Aligarh	19	80	Computer Science and Engineering	No

## Analyse the Data:

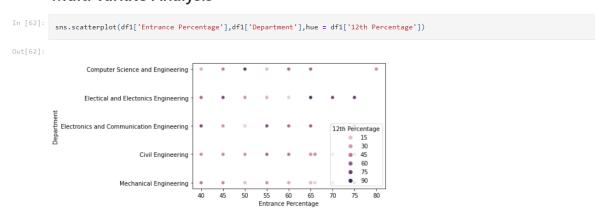
## **Univariate Analysis**



## **Bivariate Analysis**



## Multi variate Analysis



## **Handling Missing Values:**

## handling outliers

```
In [76]: df1['Entrance Percentage'] = np.where(df1['Entrance Percentage'] >70,40,df1['Entrance Percentage'])

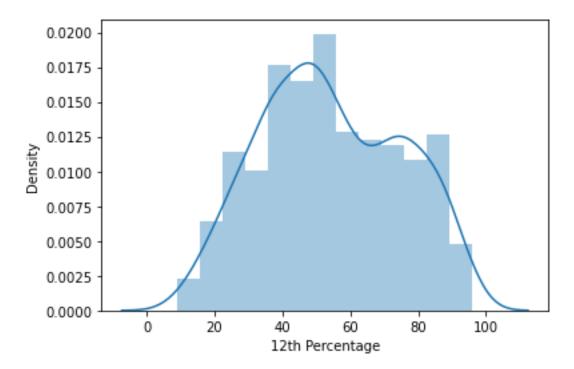
In [77]: sns.boxplot(df1['Entrance Percentage'])

Out[77]:

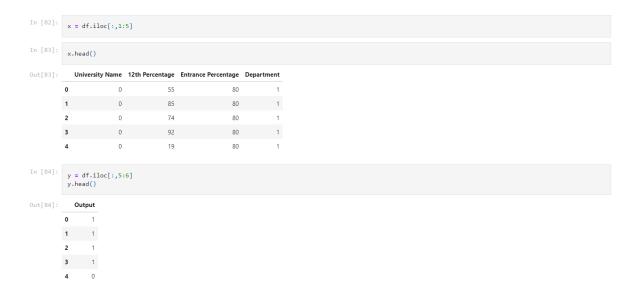
40 45 50 55 60 65 70

Entrance Percentage
```

#### **Data Visualisation:**



#### **Splitting Independent and Dependant Columns:**



#### **Splitting the Data into Test and Train:**

