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**Student id: C0825975**

**Week 13 Assignment**  **2 W22**

**Data Visualization in python**

**Importing libraries**

**Text, application, letter

Description automatically generated**

**Datasets**

**Table

Description automatically generated**

**Missing Data**

**Graphical user interface, text, application, table

Description automatically generated**

**Data Visualization**

**A picture containing graphical user interface

Description automatically generated**

**Heat Maps**

Graphical user interface, chart

Description automatically generated with medium confidence

**Barchart**

**Chart, bar chart

Description automatically generated**

**Chart, bar chart

Description automatically generated**

**Chart, bar chart

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**Chart, bar chart

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**Chart, bar chart

Description automatically generated**

**Chart, bar chart

Description automatically generated**

**Chart, bar chart

Description automatically generated**

**Chart, bar chart

Description automatically generated**

**Chart

Description automatically generated**

**Features and label**

**Table

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**Graphical user interface, text, application

Description automatically generated**

**Splitting the dataset**

**Table

Description automatically generated**

**Table

Description automatically generated**

**Scaling Using Standard Scaler**

**Background pattern

Description automatically generated**

**Model Setup**

**Graphical user interface, application, email

Description automatically generated**

**Training**

**Graphical user interface, text, application, email

Description automatically generated**

**Predicting on test data and visualization**

**Graphical user interface, application

Description automatically generated**