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# AMERICAN INTERNATIONAL UNIVERSITY–BANGLADESH(AIUB)

**FACULTY OF SCIENCE & TECHNOLOGY**

# DEPARTMENT OF CSE

**Introduction to Data Science**

**Fall 2022-2023**

**Section: D**

**MID Term Project**

**Submitted to**

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**Submitted By**

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**Data set -1**

**Data import and print of the data set**

***Graphical user interface

Description automatically generated***

**Shape of the Data set**

***Graphical user interface, application

Description automatically generated***

**Attribute name of the Data set**

**Graphical user interface, application, Word

Description automatically generated**

**Data types for all the Attributes of the Data set**

***Graphical user interface, text, application

Description automatically generated***

**Mean, Median and Mode for Loan & Interest\_rate attribute**

Graphical user interface, text, application, email

Description automatically generated

**Graphical user interface, text, application

Description automatically generated**

**Range and Standard Deviation for Loan & Interest\_rate attribute**

**Graphical user interface, text, application

Description automatically generated**

**Mode for Credit\_Score attribute**

Graphical user interface, application

Description automatically generated

**Data set -2**

**Missing values for all attributes**

Graphical user interface, text, application, Word

Description automatically generated

**Detecting outliers as a missing value**

Graphical user interface, application, Word

Description automatically generated

**Annotate h,m,l as numeric via factor categorical data**

Graphical user interface, text

Description automatically generated

**Recover missing values for Rooms and Price attributes only**

**Delete the rows with missing values**

Graphical user interface, application

Description automatically generated

**Recover missing values with mean value**

Graphical user interface, application

Description automatically generated

**Recover missing values with median value**

Graphical user interface, application

Description automatically generated

**Recover missing values with mode value**

Graphical user interface, text, application

Description automatically generated