



COMSATS University Islamabad Sahiwal Campus

(Department of Computer Sciences)

Course Title:	Introduction to Data Science			Course Code:	CSC461	Credit Hours:	3
Course Instructor:	Ali Sher Kashif			Programme Name:	BS (SE)		
Semester:		Batch:		Section:	C	Date:	08-04-2024
Time Allowed:				Maximum Marks:	10		
Student's Name:				Reg. No.	CUI/	/SWL	
<u>Important Instructions / Guidelines:</u>							
<ul style="list-style-type: none">● Upload soft copy of your assignment in Google Classroom● Include any necessary code snippets, visualizations, or diagrams to support your answers.							

Assignment # 02

Question 1: [5]

Purpose of this assignment is to apply all concepts covered in rstudio learning(Mean, Median, Mode, graphs, etc)

Download Link for Dataset and import given dataset to rstudio to perform above mentioned tasks.

<https://www.kaggle.com/datasets/iamsouravbanerjee/heart-attack-prediction-dataset/>

Note: You may download any dataset from Kaggle website

Question 2: [5]

1. What is a Regression Model/Analysis?
2. What is the purpose of a regression model?
3. Types of Regression Models

You may get guidance from below links!

<https://www.analyticsvidhya.com/blog/2022/01/different-types-of-regression-models/>

<https://www.geeksforgeeks.org/types-of-regression-techniques/>