Quiz 2

Introduction to Data Science SP2024

Marks 5

Due date: 28-March-2024 at 11:30 PM

Question:

Important: Apply the linear regression, polynomial regression and multiple regression on the following data;

House Area in Marla	No. of Rooms	Price in Millions of PKR
5	4	15
6	5	17
7	4	18
5	5	15
10	6	8
8	6	16

Use the prediction for filling the data of Price

House Area in Marla	No. of Rooms	Price in Millions of PKR		
		Linear Regression	Polynomial Regression	Multiple Regression
5	4	16.991150	14.979968	17.377119
6	5	15.814159	17.213942	15.567797
7	4	14.637168	17.629808	15.614407
5	5	16.991150	14.979968	16.449153
10	6	11.106195	7.968750	11.114407
8	6	13.460177	16.227564	12.877119

 Important: Use House Area in Marla for Linear and Polynomial regression and use No. of Rooms additionally for Multiple regression.

Declaration: I/We declare that:

1. I/We have created at least 100% of the answers by our own (not copied and without any help from any source).
2. I have executed the code at least once.
3. There are no bug/s in the code.
4. I understand the working of the code.

Signature/s:

Roll No./s: SP21-BCS-017