

G H Raisoni College of Engineering and Management, Pune.

(An Autonomous Institution) F.Y B. Tech (Engineering) FIRST Term 2020-21 CAE-II (2020 Pattern)

Subject Name: Foundations of Data Analytics (UCOL102)

TIME:-1Hours Max.Marks-15

CO1: Analyze the dataset and perform Descriptive Statistics

CO2: Analyze the dataset and perform an Inferential

Statistics

CO3: Apply linear regression on the given dataset

CO4: Apply the logistic regression on the given dataset

CO5: Create an interactive data visualization

Instructions to the candidates:

- 1) All questions are compulsory.
- 2) Neat diagrams must be drawn wherevernecessary.
- 3) Figures to the right indicate full marks.

	Question		Marks	Levels
CO2	1	Analyze the given data set 6,2,3,1. Find out the Standard Deviation of given data set.	[3]	L4
CO2	2	Distinguish Normal Distribution and Standard Normal Distribution.	[3]	L3
CO2	3	Explain Inferential Statistics in detail.	[3]	L2
CO3	4	Demonstrate the concept of simple Linear regression and Multiple linear regression	[3]	L2
CO3	5	Elaborate the terms 1) Correlation 2) Regression	[3]	L1