SNS COLLEGE OF TECHNOLOGY

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COIMBATORE-641 035, TAMIL NADU

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Course Code & Name   : 23ADO201 – DATA SCIENCE FUNDAMENTALS

Course Faculty   : Mr.K.Karthikeyan/AP/CSE

Question Bank

UNIT-II: DESCRIPTIVE ANALYTICS

Part A- Two Mark Questions

PART A					
S.No	Questions	M	CO	BL	Industry/Company Name
1	What is a frequency distribution?	2	CO-2	L-1	HCL
2	How are outliers identified in a dataset?	2	CO-2	L-2	Cognizant
3	Define Normal Distribution.	2	CO-2	L-1	Infosys
4	What is the purpose of a scatter plot?	2	CO-2	L-1	Microsoft
5	Define correlation coefficient.	2	CO-2	L-1	Google
6	Differentiate between mean, median, and mode.	2	CO-2	L-2	TCS
7	What is a regression line?	2	CO-2	L-1	Accenture
8	How is variability measured in descriptive statistics?	2	CO-2	L-2	Wipro
9	What are z-scores and their significance?	2	CO-2	L-2	Deloitte
10	Give an example where multiple regression is used.	2	CO-2	L-2	Amazon

Part B 16 Mark Questions

	PART B				
S.No	Questions	M	CO	BL	Industry/Company Name
1	Explain with examples the various graphical methods used in descriptive analytics.	16	CO-2	L-4	Microsoft
2	Discuss the measures of central tendency and dispersion with their applications in real-world data analysis.	16	CO-2	L-4	Google
3	Analyze a dataset with outliers. Explain the impact of outliers on statistical measures and how to handle them.	16	CO-2	L-5	IBM
4	Derive the regression equation for a given dataset and interpret the slope and intercept in a business context.	16	CO-2	L-5	Amazon