

BCA
(SEM.VI) BCA-6004:
DATA SCIENCE & MACHINE LEARNING

REVISED QUESTIONS ANSWERS

Questions	Answers
MODEL PAPER – I	
Q.3. A collection of information about a related topic is referred to as a _____ (1) Visualisation (2) Analysis (3) Conclusion (4) Data	(4) Data
Q.5. Which of the following is performed by Data Scientist? (1) Create reproducible code (2) Challenge results (3) Define the question (4) All of the above	(4) All of the above
Q.12. A relationship between two or more variables is referred to as a _____. (1) Trend (2) Spike (3) All of above (4) None of above	(4) None of above
Q.15. Data that sits outside the trend is referred to as a _____ (1) Outlier (2) Trend (3) Spike (4) Both 1 & 2	(1) Outlier
Q.24. Which of the following is not a stage in the Investigative Cycle? (1) Investigate (2) Analysis (3) Conclusion (4) None	(4) None

Q.98. Which type of neural network is designed to learn from sequential data and time-series information? (1) Convolutional Neural Network (CNN) (2) Recurrent Neural Network (RNN) (3) Multilayer Perceptron (MLP) (4) Radial Basis Function Network (RBFN)	(2) Recurrent Neural Network (RNN)
MODEL PAPER – II	
Q.15. Which of the following techniques comes under practical machine learning? (1) Bagging (2) Forecasting (3) Boosting (4) Both (1) and (3)	(4) Both (1) and (3)
Q.58. In a positively skewed distribution, where is the majority of the data located? (1) Left side (2) Right side (3) Center (4) Upper tail	(1) Left side
Q.61. What is the range of possible values for skewness? (1) -0.5 to 1.5 (2) -2 to 2 (3) $-\infty$ to ∞ (4) 0.5 to 1	(4) 0.5 to 1
Q.66. What is the range of possible values for kurtosis in a normal distribution? (1) -1 to ∞ (2) -2 to 2 (3) 0 to <3 (4) >3	(4) >3