

ASSIGNMENT – 1

QUESTIONS AND ANSWERS

SUBMITTED BY

**AKASH
INTERNSHIP –17**

MACHINE LEARNING

Answers to the questions:

Answer :1- B

Answer :2- B

Answer :3- B

Answer :4- C

Answer :5- D

Answer :6- A

Answer :7- C

Answer :8- B

Answer :9- A, B, C

Answer :10- A, D

Answer :11- C

Answer :12- we can use all gradient descent algorithms like batch gradient descent, stochastic gradient descent, or mini-batch gradient descent.

Answer :13- we can use various gradient descent algorithm.

PYTHON – WORKSHEET 1

Answers to the questions:

Answer :1- C

Answer :2- B

Answer :3- C

Answer :4- A

Answer :5- D

Answer :6- C

Answer :7- A

Answer :8- C

Answer :9- A, C

Answer :10- D

STATISTICS WORKSHEET-1

Answers to the questions:

Answer :1- A

Answer :2- A

Answer :3- B

Answer :4- D

Answer :5- C

Answer :6- B

Answer :7- B

Answer :8- A

Answer :9- C

Answer :10- Normal distribution is collection of symmetric data which forms a perfect bell shape curved, half data in the left of the mean and half data at right of the mean.

Answer :11- we can remove the rows with missing values as well as we can use mean, median, mode to fill nan values . best technique is cold - deck imputation.

Answer :12- A/B testing is a method of comparing two versions of a webpage or app against each other to check which one is performing better.

Answer :13- True mean imputation of missing data is an acceptable practice because if the data are missing the roughly calculated mean remains unbiased.

Answer :14- linear regression is a regression model that estimates the relationship between one independent variable and one dependent variable using a straight line. Both variables should be quantitative.

Answer :15- There are three real branches of statistics: data collection, descriptive statistics and inferential statistics