

Assignment#02

Solve all the questions using your own understanding and using your own words. Don't copy from internet resources.

Question#01:

How can we use your machine learning skills to generate our company's revenue?

Question#02:

How would you evaluate a logistic regression model?

Question#03:

List at least 4 examples from daily life of the following ML algorithms

- 1) Anamoly detection algorithm
- 2) Reinforcement Learning
- 3) Clustering algorithm
- 4) Decision Tree

Question#04:

Let suppose we have missing or corrupt data in our datasets, how can you handle it?

Question#05:

Using the linear regression concept of straight line, plot and evaluate the results of following given data and justify your answer:(Price of stock changes with number of month). Would do you think after 30 months what would be the price of stock)

<u>Stock Price</u>	<u># Months of months</u>
45	13
60	16
70	21
25	4
56	15
65	19

Question#06:

Differentiate between logistic and linear regression according to following aspects:

- 1) Equation
- 2) Application
- 3) Definition/Concept
- 4) Output value
- 5) Variable types
- 6) Type of input data

Question #07:

How would you explain Machine Learning to a school-going kid?