1)Take Tips dataset from seaborn library and create an ML model which will predict the tips given by new customers.

2)Prepare a data analysis report.

3)What is linear regression?What are assumptions made by linear regression?

4)Explain the mathematical intuition of linear regression.

5)What is the best fit line?

6)What is r2 score.

7)What is adjusted r2 score?

8)What are pros and cons of linear regression?

9)What is multiple linear regression?

10)What are realtime use cases of linear regression