Q1) What is Machine Learning(ML) ?

1. When we train our machine to understand the data and buy that data to find out the relations and based on that relation when the machine can predict the result, this process is called Machine Learning. From this process we find a model which is also called Machine Learning Model as that Model Uses Machine Learning.

Q2) What is Supervised ML Algo?

1. The algorithm that works with labelled data to predict the future outcomes is called Supervised Machine Learning Algorithm. It works with many regression and classification.

Q3) What is regression and classification?

1. **Regression** : The algorithm that works with Continuous data is called Regression. Continuous data is a type of data whose output is predicted from the inputs and the previous outputs and not derived from a predetermined set.

For example : I want to predict the score of an IPL team, so i can predict it with the historical data and how they performed in this season and the previous seasons.

**Classification :** The data that works with Categorical data is called Classification. Categorical data is a type of data whose output is predicted from a predetermined set.

For example : I want to predict if my friend will come tomorrow from the historical data and the outcomes can be one of the two : “He will come”, meaning “Yes” or “He will not come” meaning “No”.