

## ASSESSMENT 2

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Q1. Explain Type-1 error and Type-2 error

Q2. Import the data named “cars” already present in R-datasets. And perform the following:

- a. Basic EDA
- b. Predict the value of distance covered by the car on the basis of speed.
- c. Name the ML algorithm used.

Q3. Import the file insurance.csv and perform the following:

- a. Explore the data with your statistics concepts and visualization
- b. Predict the value of the cost incurred by the company given by the parameter “charges” which depends on the other parameters.
- c. Name the ML algorithm used.
- d. Explain the results obtained

**OR**

Q4. Import the file Placement\_Data\_Full\_Class.csv and perform the following:

- a. Explore the data with your statistics concepts and visualization
- b. Predict “ salary” earned by students which depends on the other parameters.
- c. Name the ML algorithm used.
- d. Explain the results obtained