

Q)3. LOGISTIC REGRESSION

LINK TO THE DATASET

- https://drive.google.com/file/d/1stoFHzpVGVAQflZInojLeO-k15q2yYb3/view?usp=share_link

(Above dataset contains both train.csv and test.csv files, you have to submit file showing failure predictions on test dataset)

- This data represents a product quality assessment. For each “**product_code**” you are given a number of product “**attributes**” (fixed for the code) as well as a number of “**measurement**” values for each individual product, representing various lab testing methods. Each product absorbs a certain amount of fluid (denoted by the column - “**loading**”) to see whether or not it fails.
- Your task is to use the data to predict individual product failures of new codes with their individual lab test results.
- FEATURES TYPES : both numerical and categorical
- TARGET COLUMN: **failure**

Example:

id	failure
26570	0.2
26571	0.1
26572	0.9