

Ship pro → mate - Duty &
↓
JRF

→ Logistic Regression : - S

Why logistic regression, is called as regression even though it is a classification algorithm.

Ans → The output given by logistic regression is not categorical output.

Python-Basic

+

pandas

+

Numpy

+

Statistics

+ 50%

ML

Sunday + Revision
of all the
tools

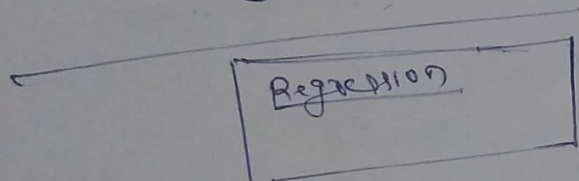
Logistic
theory

→ Need :-

In Linear Regression we use R² Score

Score

→ In logistic we always use accuracy-Score



→ R² Score

→ Add R² Score

→ MSE

→ RMSE

(Root Mean Squared Error.)

Adjusted

Classification

→ accuracy-Score

→ ROC AUC Score

→ precision score

→ Recall Score

→ F1-Score

$$R^2 = 1 - \frac{SSR}{TSS}$$

SSR → Sum of Square of Residual

TSS → Total Sum of Square

R²

R² is Co-efficient of determination.

Do not ~~eat~~ in the ~~rest~~ 1:02:22

→ Logistic Regression is less affected by outliers
So may not be the requirement of removing outliers.
Rohan-UPSC

→ Loops or - Loops & conditional statement

(Q2)
Q-3

→ RFE → Free text data

Components of model building

- # model building
- # import necessary library
- # Split the data
- # training
- # testing
- # evaluating.

predicted data

	S	NS
S	TP	FN
NS	FP	TN

Actual data

Correct prediction made by the machine