DEPRESSION SCALE CLASSIFICATION

T5-Bootcamp :Data Science

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PROJECT GOAL

▸ To Predict whether an individual suffers from Depression or not

DATASET

▸ Dataset was obtained from kaggle inform (.csv)

▸ Has 172 columns and 39775 rows.

▸ Contains :

  ▸ DASS questionnaire made to measure Depression, Anxiety and Stress.

  ▸ The Ten Item Personality Inventory (TIPI) questionnaire

  ▸ Personal Data

DATA PROCESSING

▸ Check for Null Values.

▸ Calculate and categorize Depression, Anxiety and Stress Features.

▸ Calculate TIPI Score.

▸ Data Cleaning.

▸ Handling Outliers.

▸ Feature Selection and engineering.

MODEL

	KNN	LR	SVN	RF
train			75.88%	76.3%
Validation	73%	75.9%	76%	76%
Test	73.4%	76%	76%	76.18%