Report

KAGGLE COMPETITION-1

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Method:

- Import necessary libraries.
- Assign csv files names as d1, d2, d3 respectively for test data, train data and train label.
- Assign features column in d1 as x.
- Then run a for loop in length of x.
- Convert every element of x to float and map it and store it in a list with each value split by a comma.
- Similarly, assign the feature column in d2 as y.
- Then run a for loop in length of y.
- Convert each element of y to float and map it and store it in a list with each value split by a comma.
- Use Standard Scaler on both x and y to bring each value between 0 and mean.
- Import SVC classifier.
- Train and fit the classifier on train data and train label.
- Predict the labels for test data.
- Convert these predictions to a data frame using pandas library and save it in a variable named df.
- Convert this array df to .csv file format , naming it as Output.csv.
- Download this csv file and name headers as index , labels in it.
- Save the changes and upload this csv file on Kaggle.
- Check accuracy on leaderboard.

Results & Observations:

- Our output csv file data is similar to train label data.
- Accuracy = 0.812