Practice 2.5. Classification Hackathon

Statement

Description

The file **TrainingSet.dat** is available with input variables X1 to X10 and output variable Y. The objective is to identify the best possible model to predict the dataset.

The file **TestSet.dat** is provided containing only the input variables.

You should provide forecasts of the output for the Validation Set. The best forecast will be the one with **highest value of accuracy** in the validation set.

The forecast should be uploaded to
https://datathon.shinyapps.io/hackathon_MIC_2021_ICAI_Classification/ as a text file.
This text file should not contain header. Use the following code for writing the file with the obtained forecast. Adapt the name of the file with the name of your team:

```
write.table(ValForecast ,"TeamName.csv", col.names = FALSE, row.names = FALSE)
```

Prepare a one-page document with a comparative analysis of the models trained and upload it to Moodle. **Don't forget to include the Team number!**

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