UnScript Rookie's Hackathon 2022

An Exclusive Hackathon for 2nd Year Engineering Students

Problem Statement

AIML Problem Statement:

Financial Management System:

The Financial Management System is a software that is used to check the authenticity of a particular transaction in a financial company.

In Financial Management System, participants must create a model for predicting fraudulent transactions for a financial company and then use the model's insights to create an actionable plan. The case's data is stored in a CSV file with 6362620 rows and 10 columns.

Data Dictionary:
https://drive.google.com/file/d/1YKZE8EoVrOWR_RYobcUkhzopGtgpw-YZ/view?usp=sharing

Dataset: https://drive.google.com/file/d/12EEXQ8B_p-62ArFWd5ZyCK7fWhD-BRup/view?usp=sharing

Participants can create their machine learning model using whatever approach they want. The participants are expected to create an end-to-end application based upon the model they make. Both statistical analysis and creativity/judgment are required in this scenario.

Features of Financial Management Systems that can be included but not restricted to:

1. *All the necessary data exploration/ data cleaning has to be done.
2. *The participants are required to make an end-to-end application.
3. *The UI should be user-friendly as well as appealing.
4. *The User input would be in the form of Transaction Id (referred in the dataset as nameorigin). The output has to be in the form of whether the transaction is fraudulent or not. Also, all the information (balance, amount debited, old balance, namedestination) should be visible.
5. Find an innovative solution to prevent further fraudulent transactions.

Please note: The marked points (*) are deemed compulsory.