Team Details :

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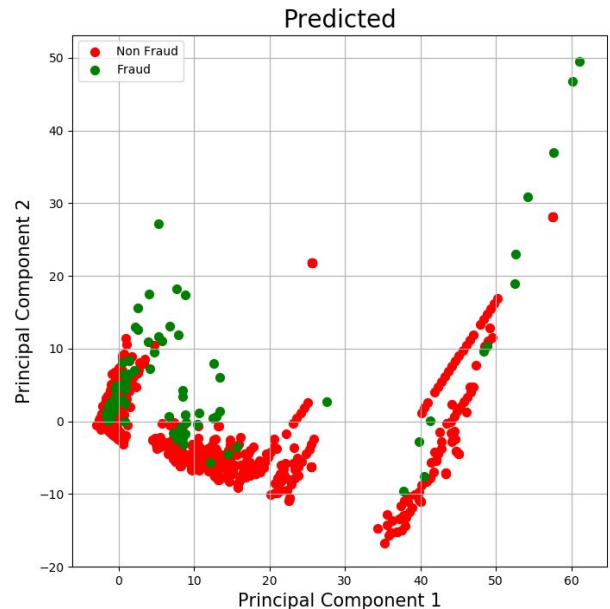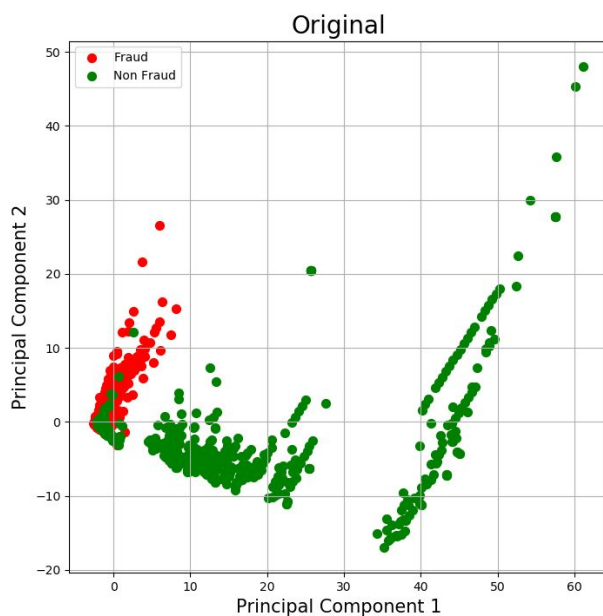
Dataset Used : Credit Card Fraud Detection

Preprocessing Done :

1. A Sample of 5000 records was taken from the dataset.
2. The values pertaining to the columns 'Time' and 'Amount' were scaled using the Min-Max scaling method.
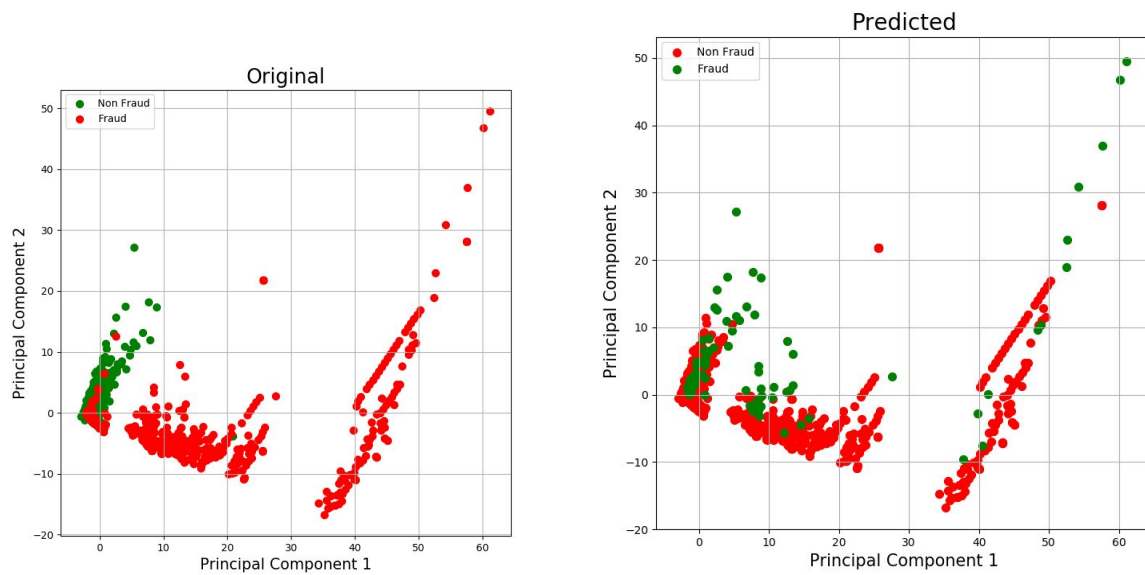
Plots Obtained :

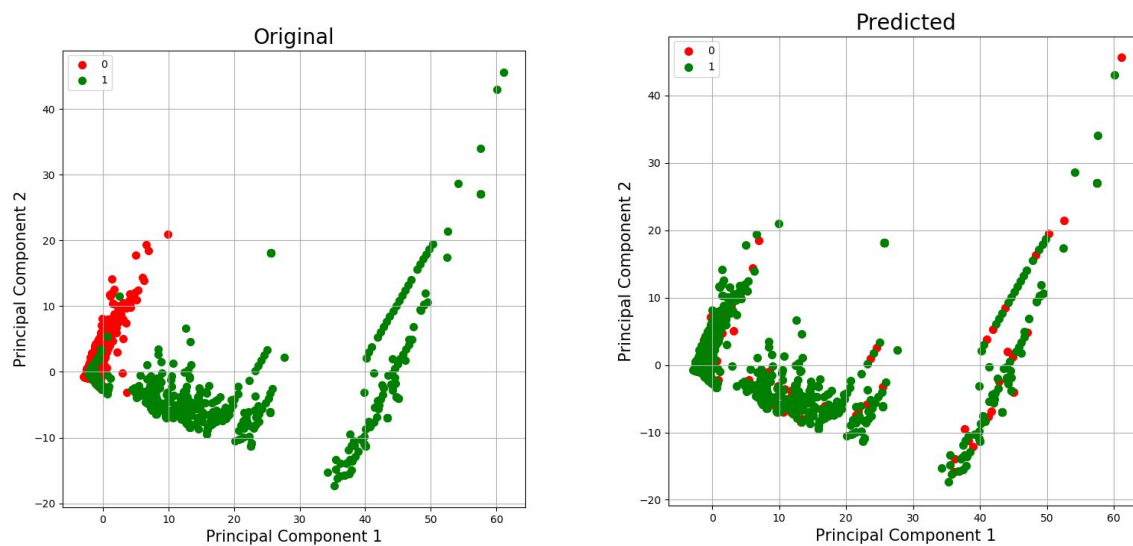1) **DBSCAN**
   a) **Eps = 4 & Min_Pts = 4 | Accuracy = 89.36%**

b) Eps = 7 & Min_Pts = 4 | Accuracy = 90.895%

2) LOF

a) K = 400 & Threshold = 1.4 | Accuracy = 89.5%

b) K = 450 & Threshold = 1.5 | Accuracy = 92.17%

Original

Predicted