EXPERIMENT 10

AIM: Implement and classify balanced/ unbalanced dataset using neural networks.

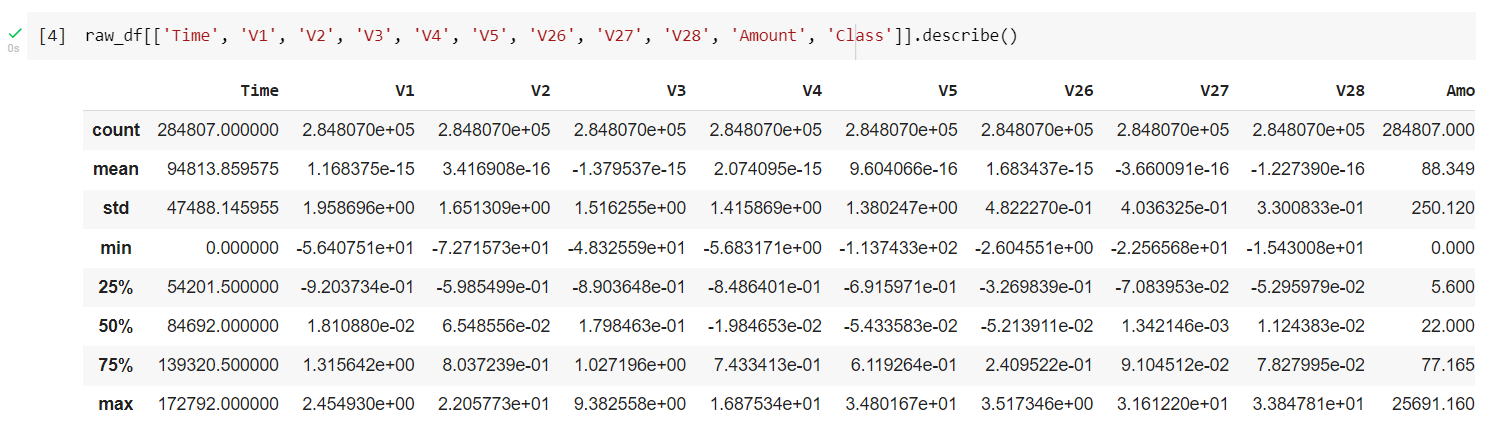
Software used: Google Colab

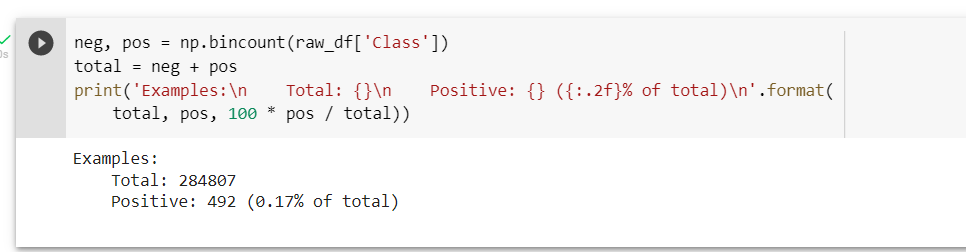
Code and Output:

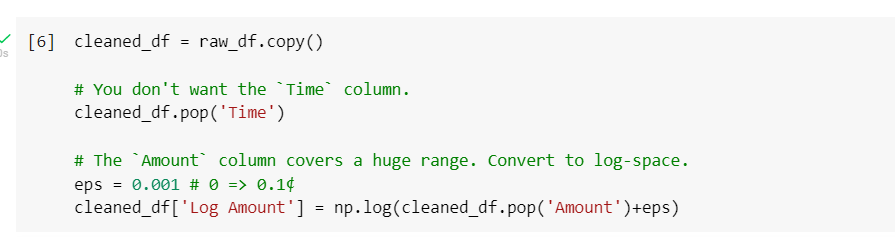
Dataset taken: Credit card

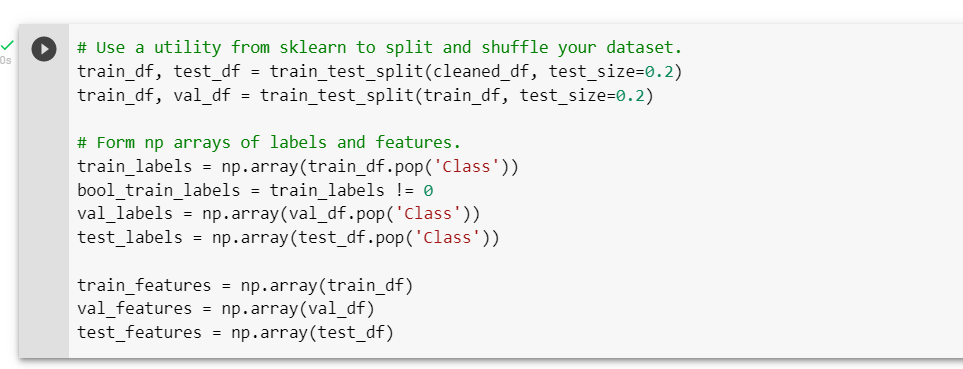


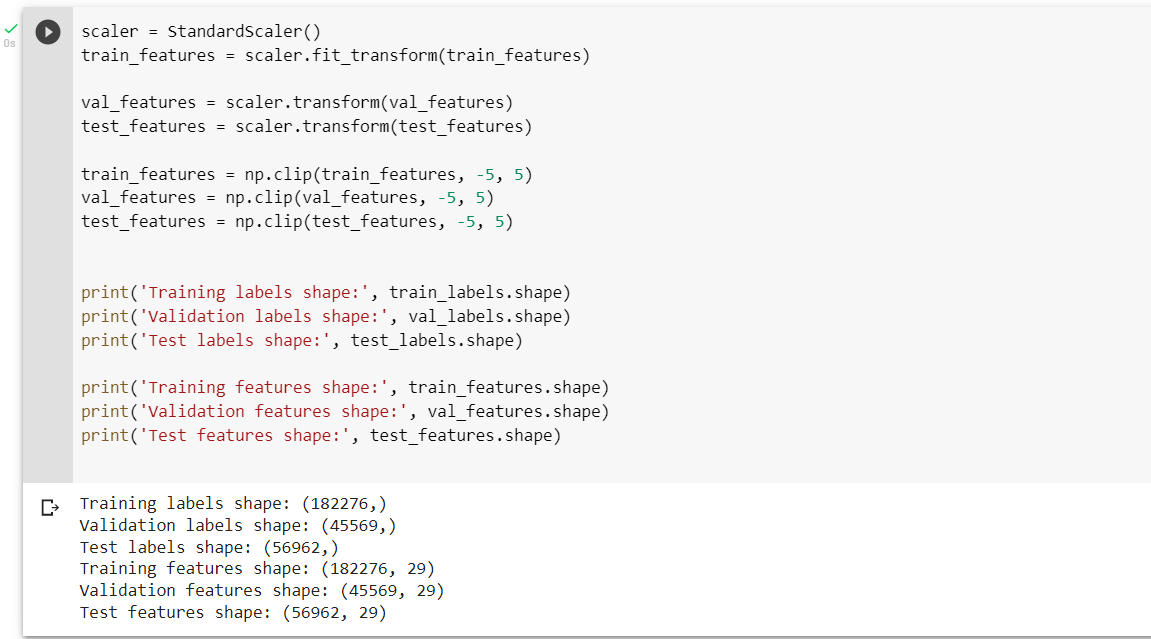


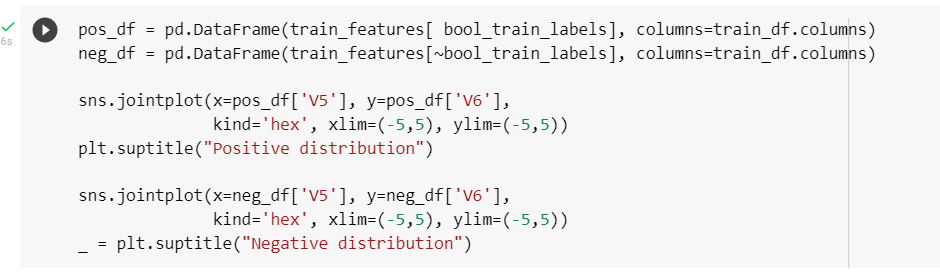


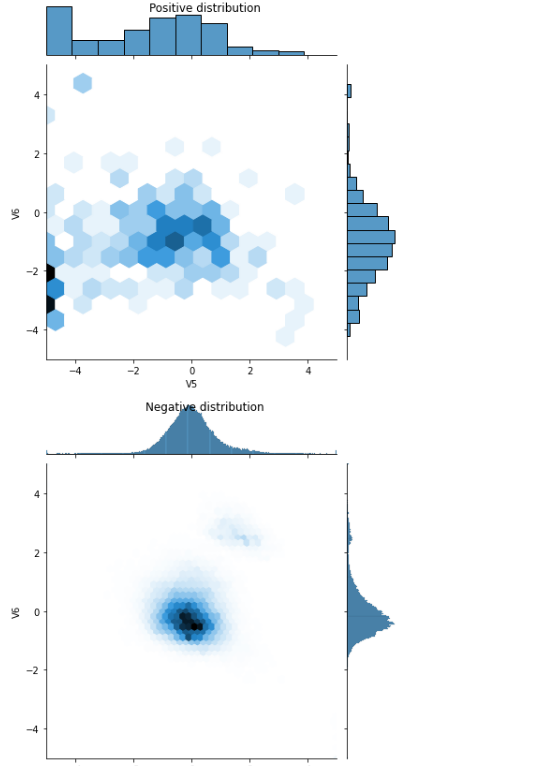




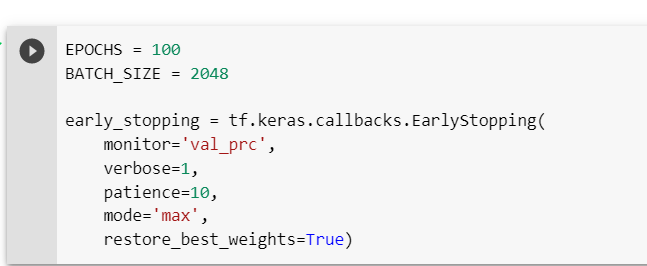


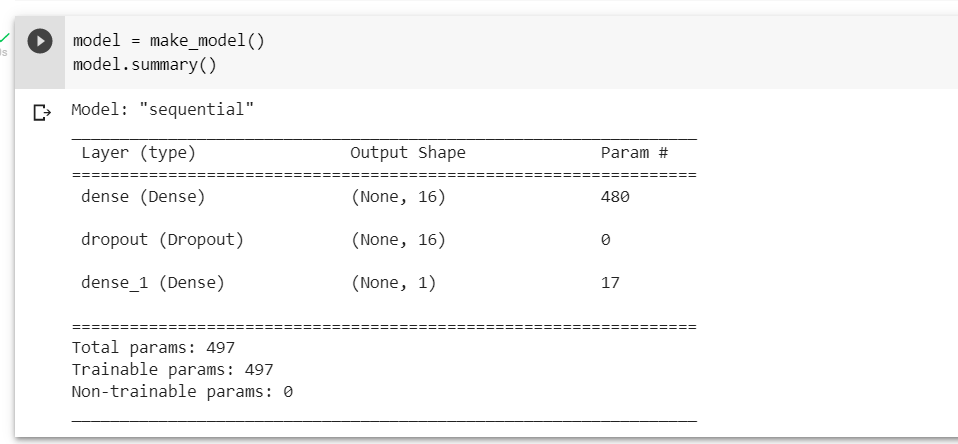


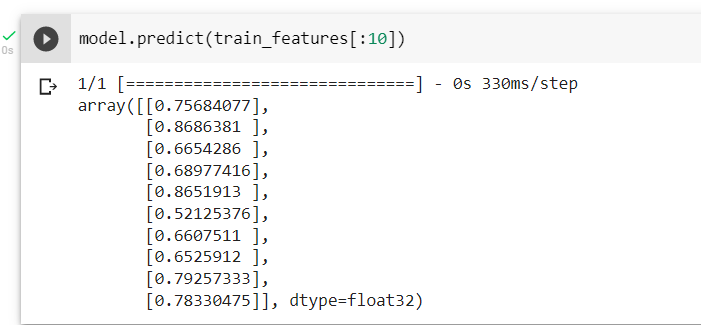


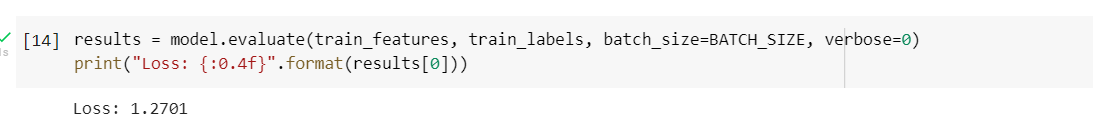


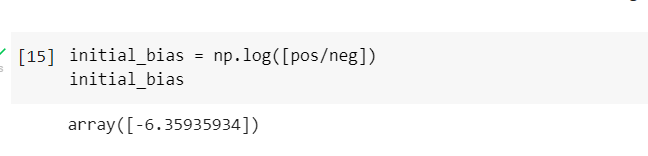


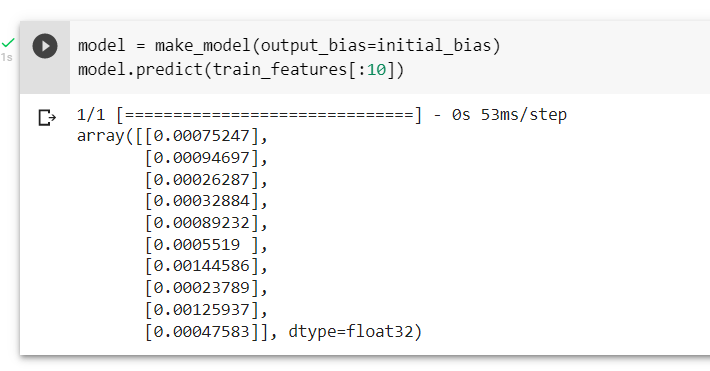


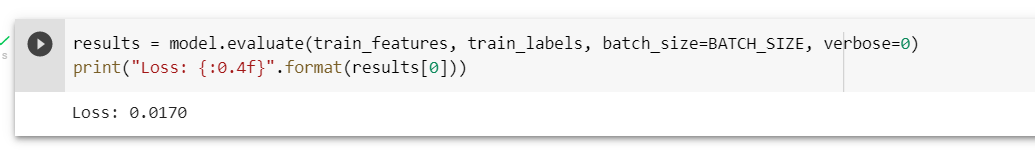


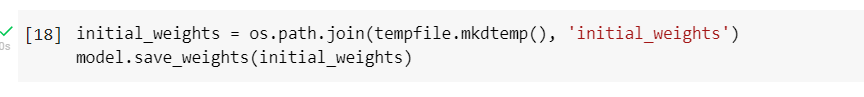




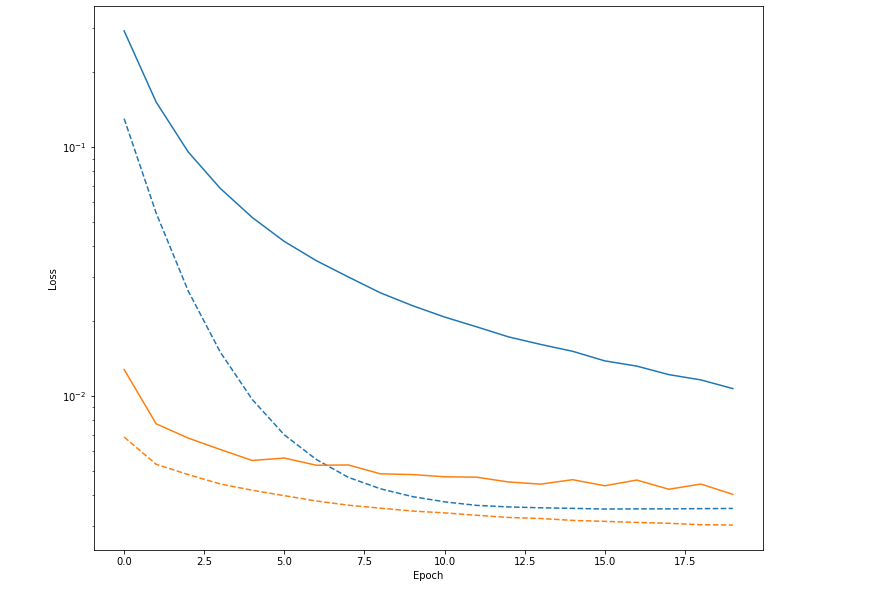


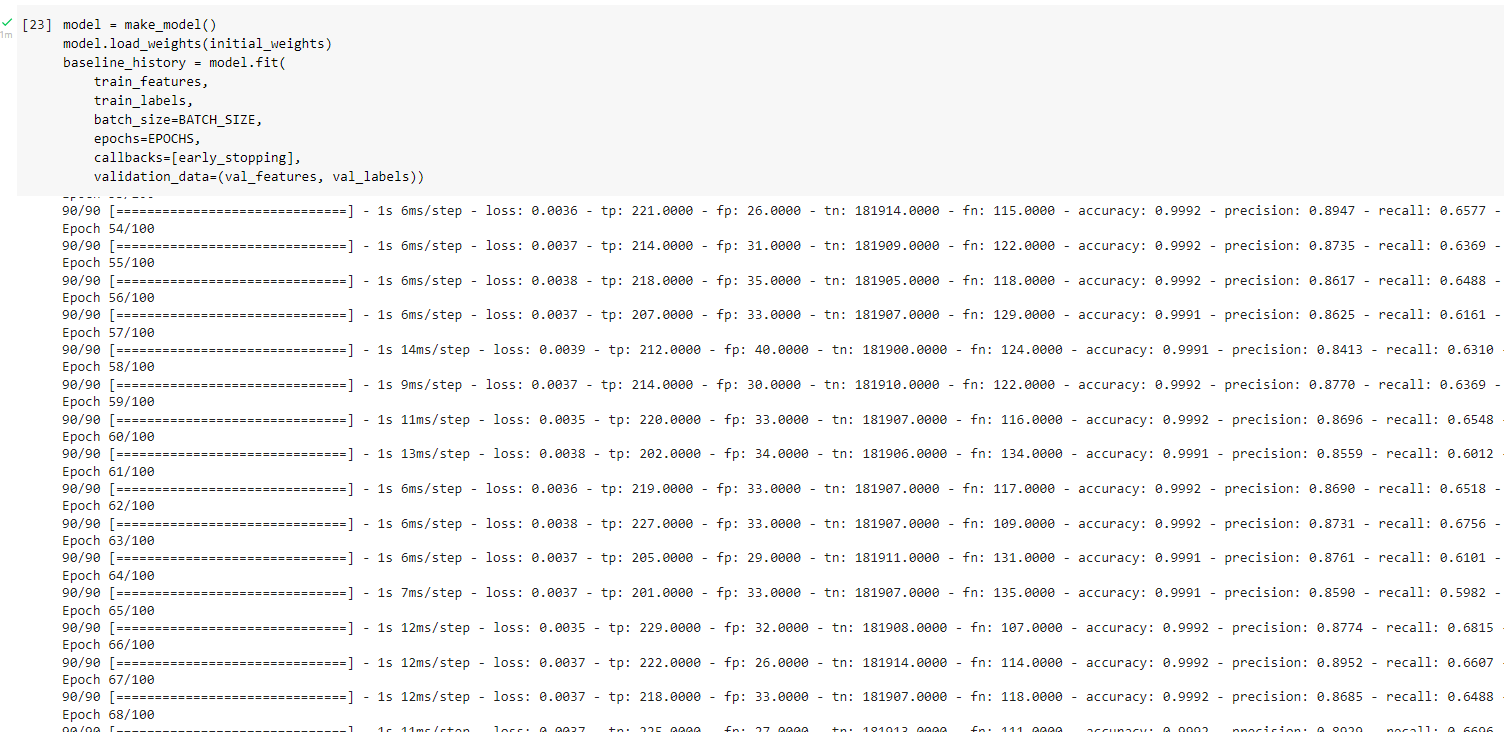






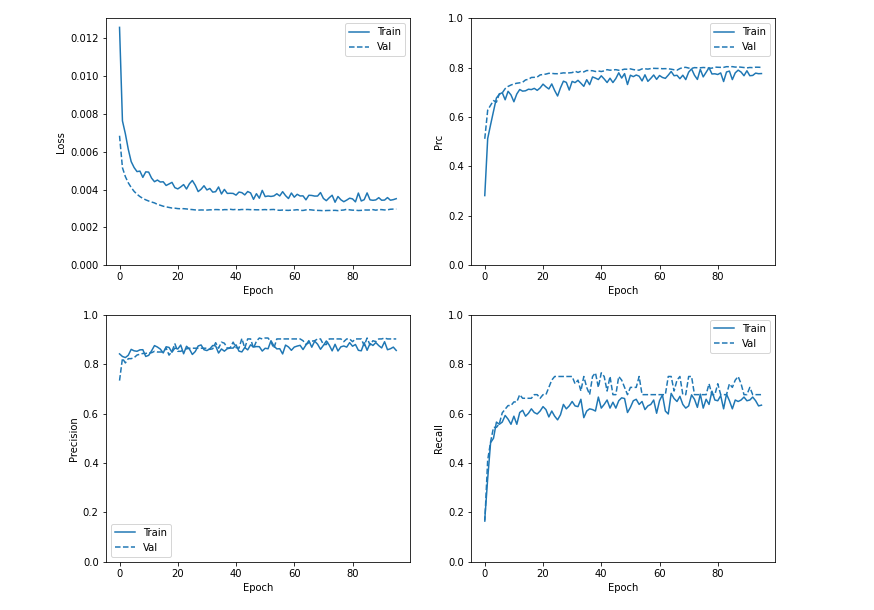


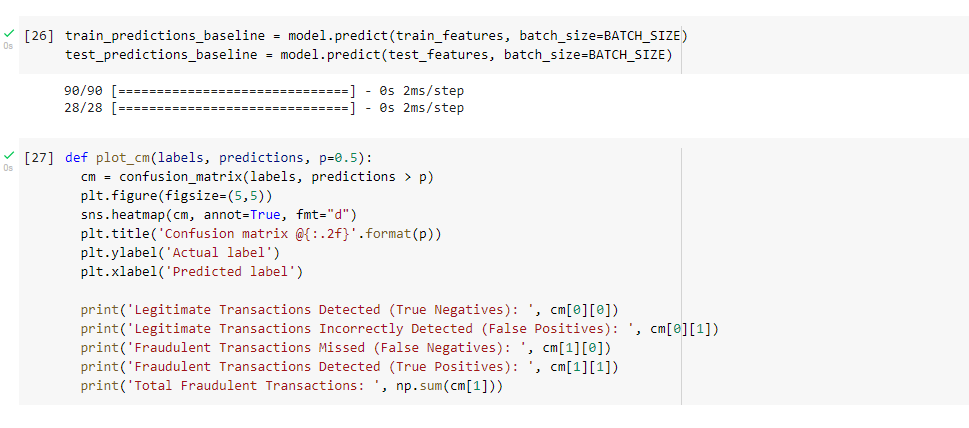


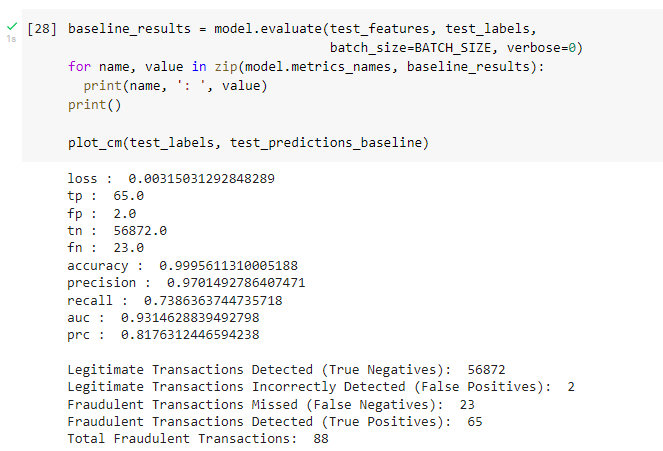


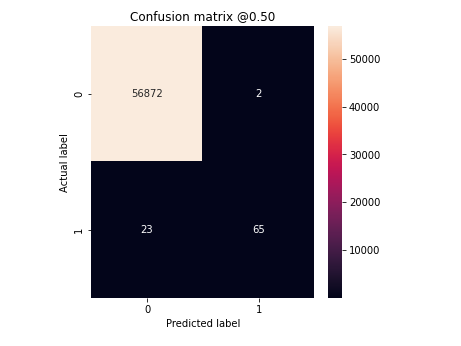
CHECK THE TRAINING HISTORY

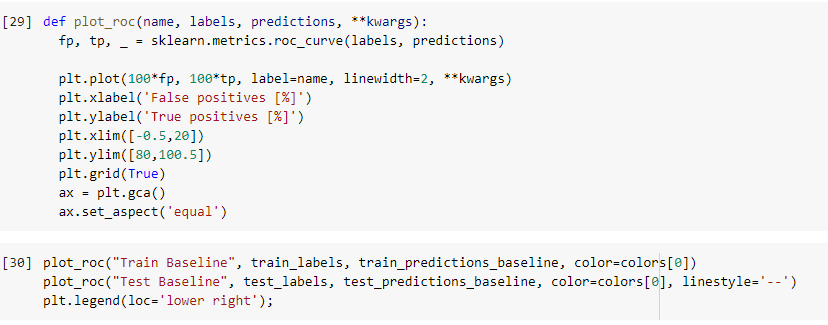


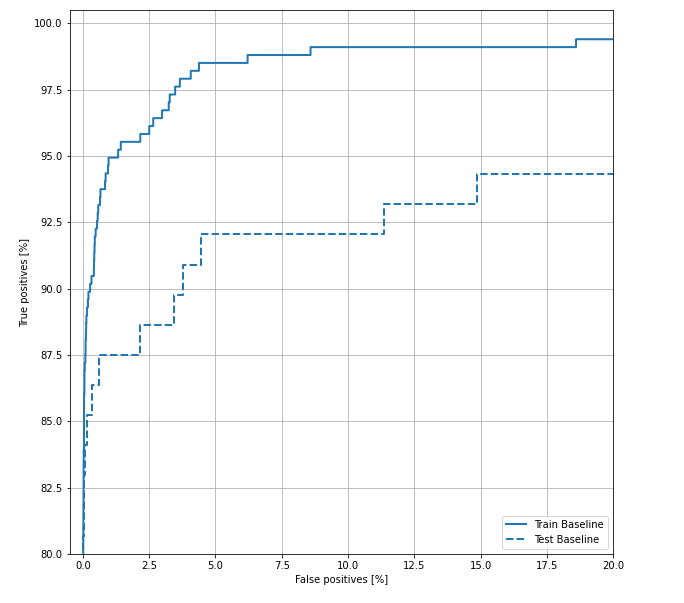


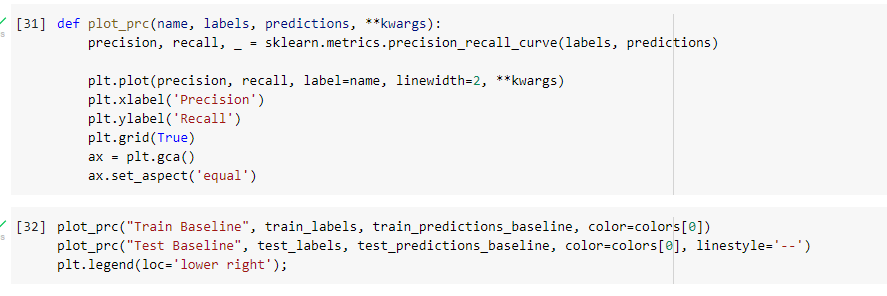


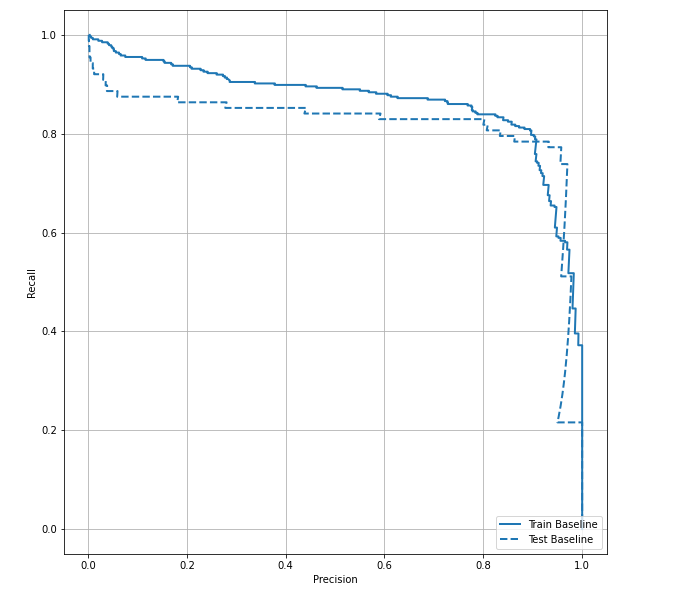












Result

This program was successfully executed using python language on Google collab

|  |  |  |  |
| --- | --- | --- | --- |
| **Criteria** | **Total Marks** | **Marks Obtained** | **Comments** |
| Concept (A) | 2 |  |  |
| Implementation (B) | 2 |  |  |
| Performance (C) | 2 |  |  |
| Total | 6 |  |  |