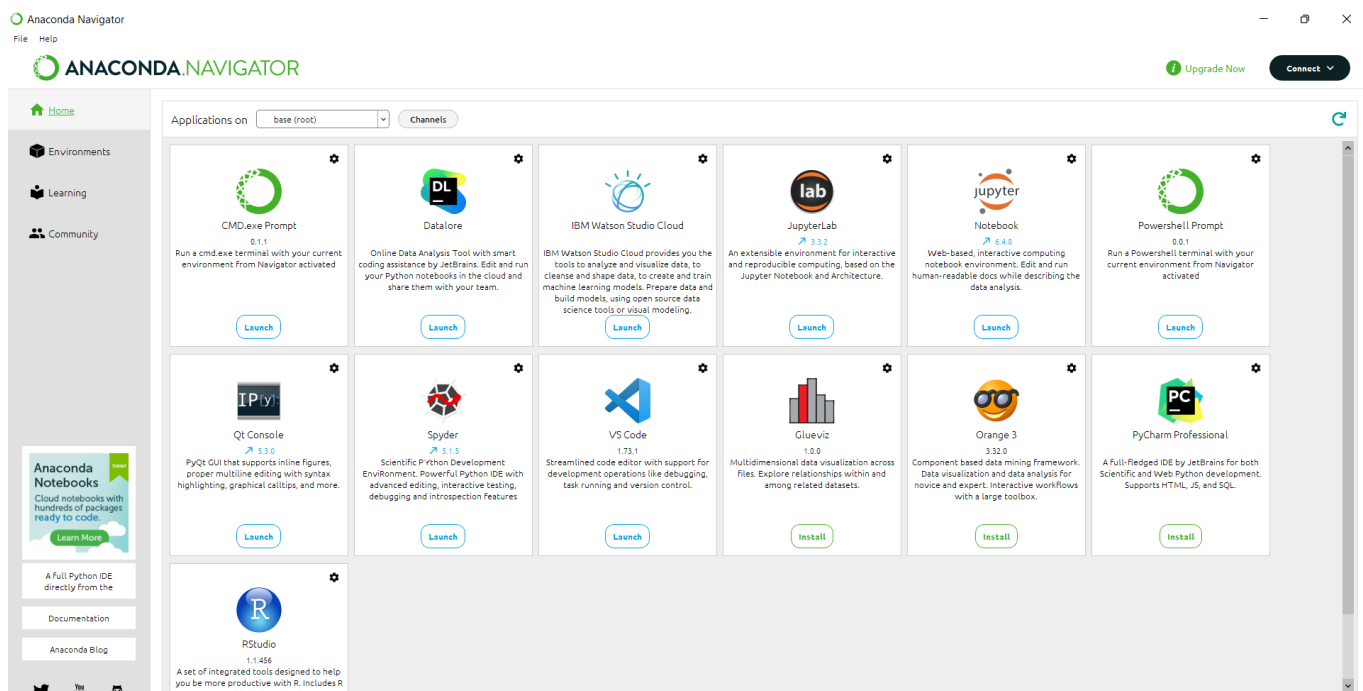
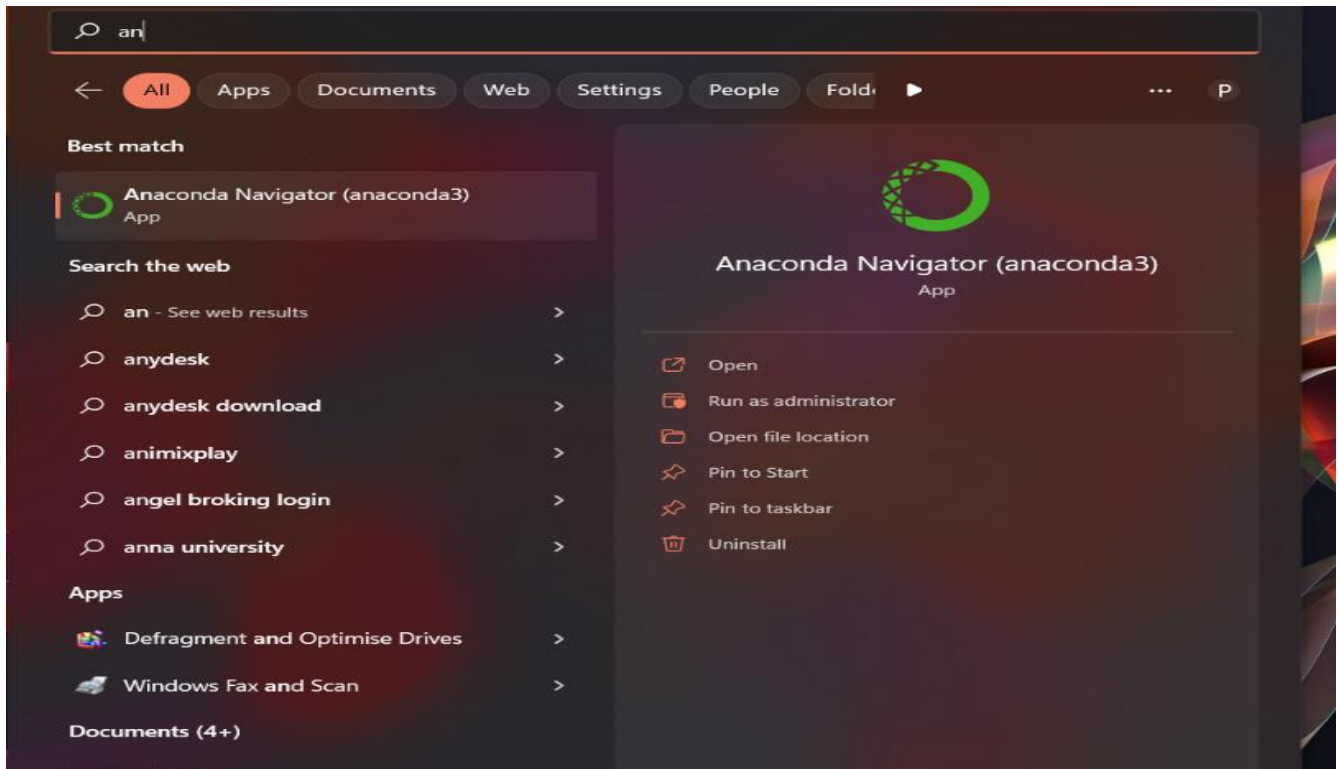


PRE-REQUISITES

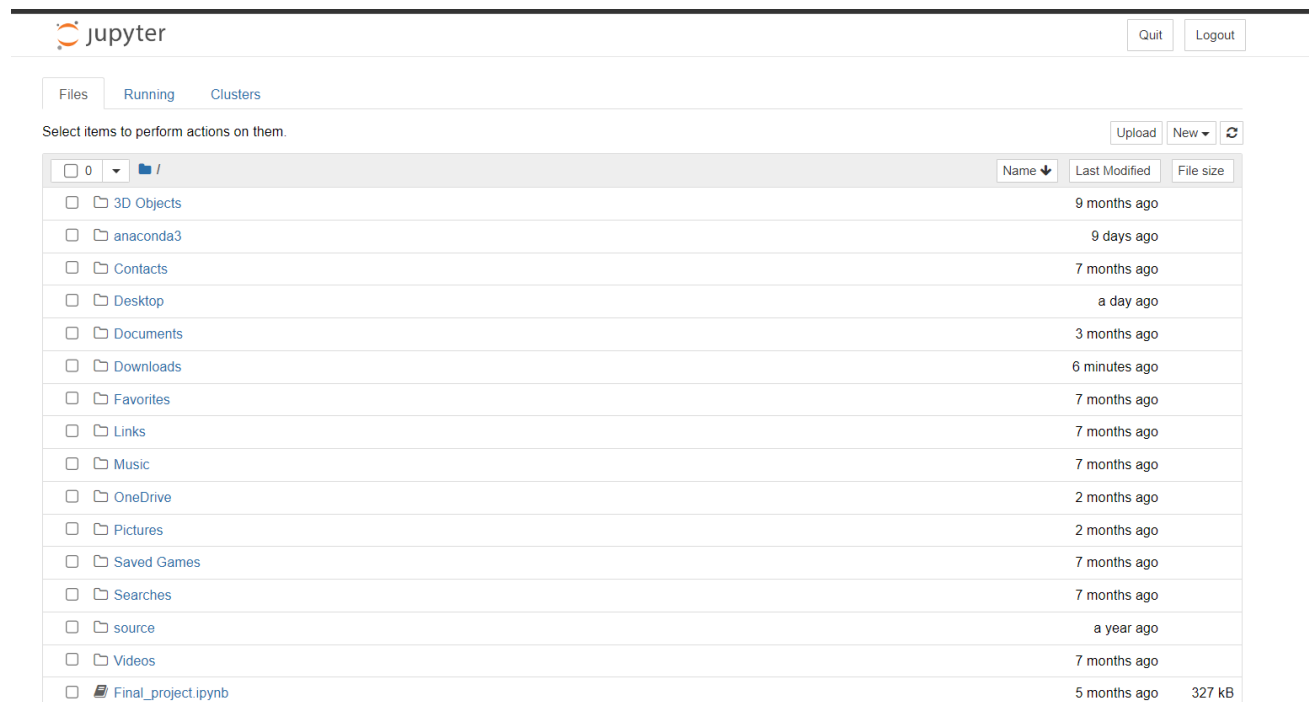
Smart Lender - Applicant Credibility Prediction For Loan Approval

Team ID: PNT2022TMID06350

1. Anaconda navigator :



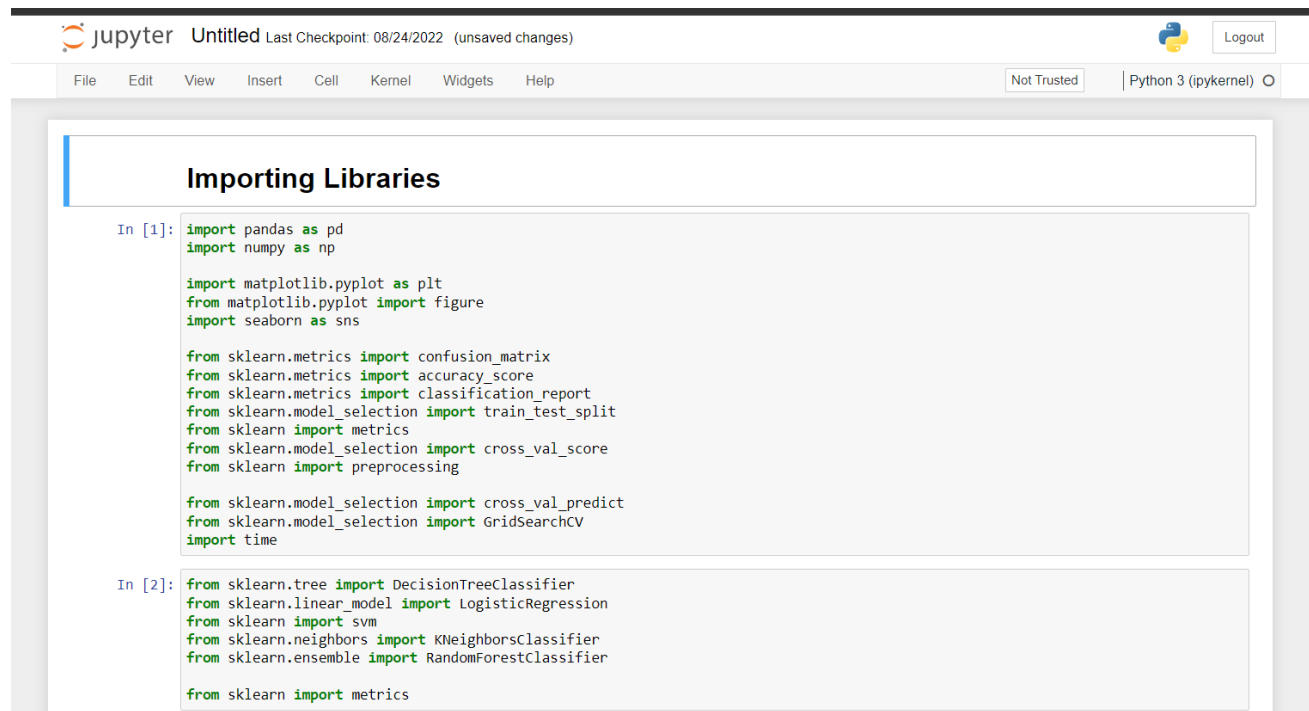
2.Jupyter :



The screenshot shows the JupyterLab file browser interface. At the top, there's a 'jupyter' logo and 'Quit' and 'Logout' buttons. Below that, tabs for 'Files', 'Running', and 'Clusters' are visible. A message says 'Select items to perform actions on them.' with 'Upload', 'New', and a refresh icon. The main area is a table of files and folders. The first column has checkboxes, the second has file names, the third has 'Last Modified' timestamps, and the fourth has 'File size'.

	Name	Last Modified	File size
<input type="checkbox"/>	/		
<input type="checkbox"/>	3D Objects	9 months ago	
<input type="checkbox"/>	anaconda3	9 days ago	
<input type="checkbox"/>	Contacts	7 months ago	
<input type="checkbox"/>	Desktop	a day ago	
<input type="checkbox"/>	Documents	3 months ago	
<input type="checkbox"/>	Downloads	6 minutes ago	
<input type="checkbox"/>	Favorites	7 months ago	
<input type="checkbox"/>	Links	7 months ago	
<input type="checkbox"/>	Music	7 months ago	
<input type="checkbox"/>	OneDrive	2 months ago	
<input type="checkbox"/>	Pictures	2 months ago	
<input type="checkbox"/>	Saved Games	7 months ago	
<input type="checkbox"/>	Searches	7 months ago	
<input type="checkbox"/>	source	a year ago	
<input type="checkbox"/>	Videos	7 months ago	
<input type="checkbox"/>	Final_project.ipynb	5 months ago	327 kB

3.Python packages:



The screenshot shows a Jupyter Notebook titled 'Untitled' with a last checkpoint on 08/24/2022. The interface includes a menu bar (File, Edit, View, Insert, Cell, Kernel, Widgets, Help) and a status bar (Not Trusted, Python 3 (ipykernel)). The notebook content is titled 'Importing Libraries' and contains two code cells. The first cell imports pandas, numpy, matplotlib.pyplot, seaborn, and various sklearn metrics and model selection functions. The second cell imports sklearn classifiers and metrics.

```
In [1]: import pandas as pd
import numpy as np

import matplotlib.pyplot as plt
from matplotlib.pyplot import figure
import seaborn as sns

from sklearn.metrics import confusion_matrix
from sklearn.metrics import accuracy_score
from sklearn.metrics import classification_report
from sklearn.model_selection import train_test_split
from sklearn import metrics
from sklearn.model_selection import cross_val_score
from sklearn import preprocessing

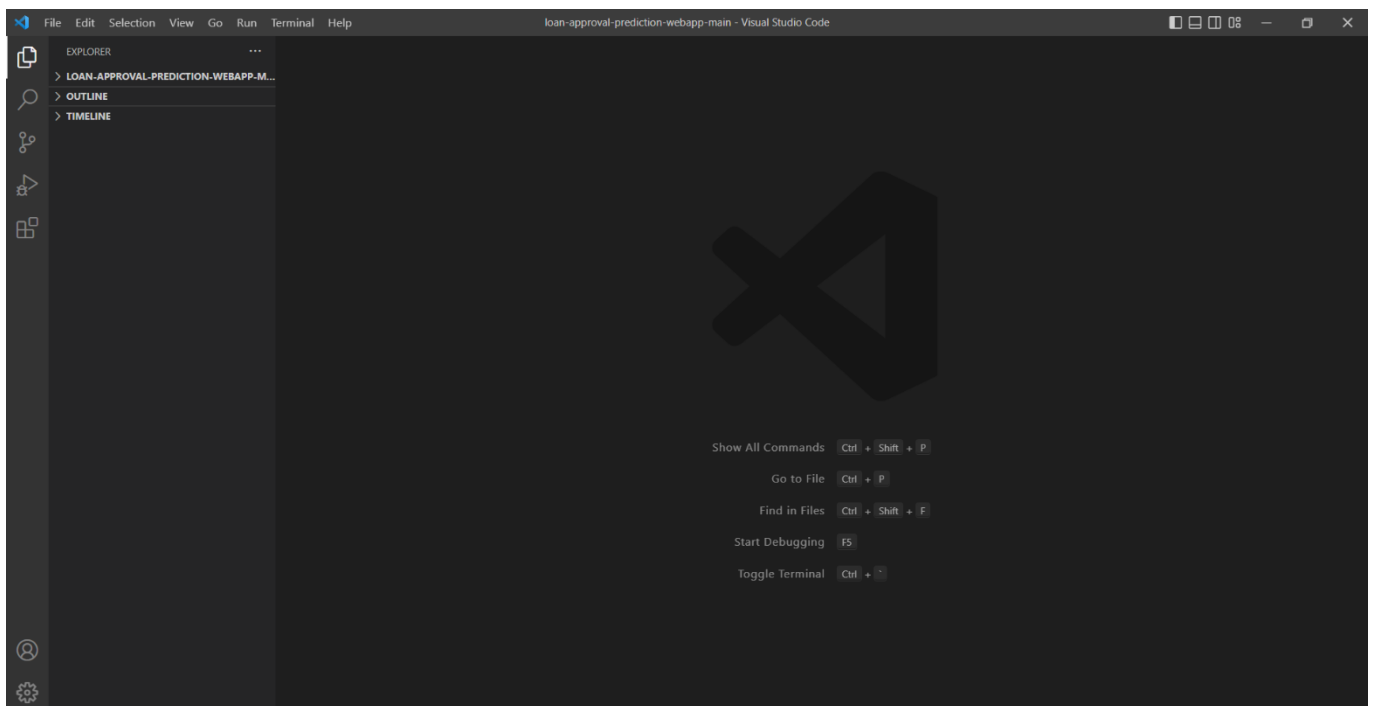
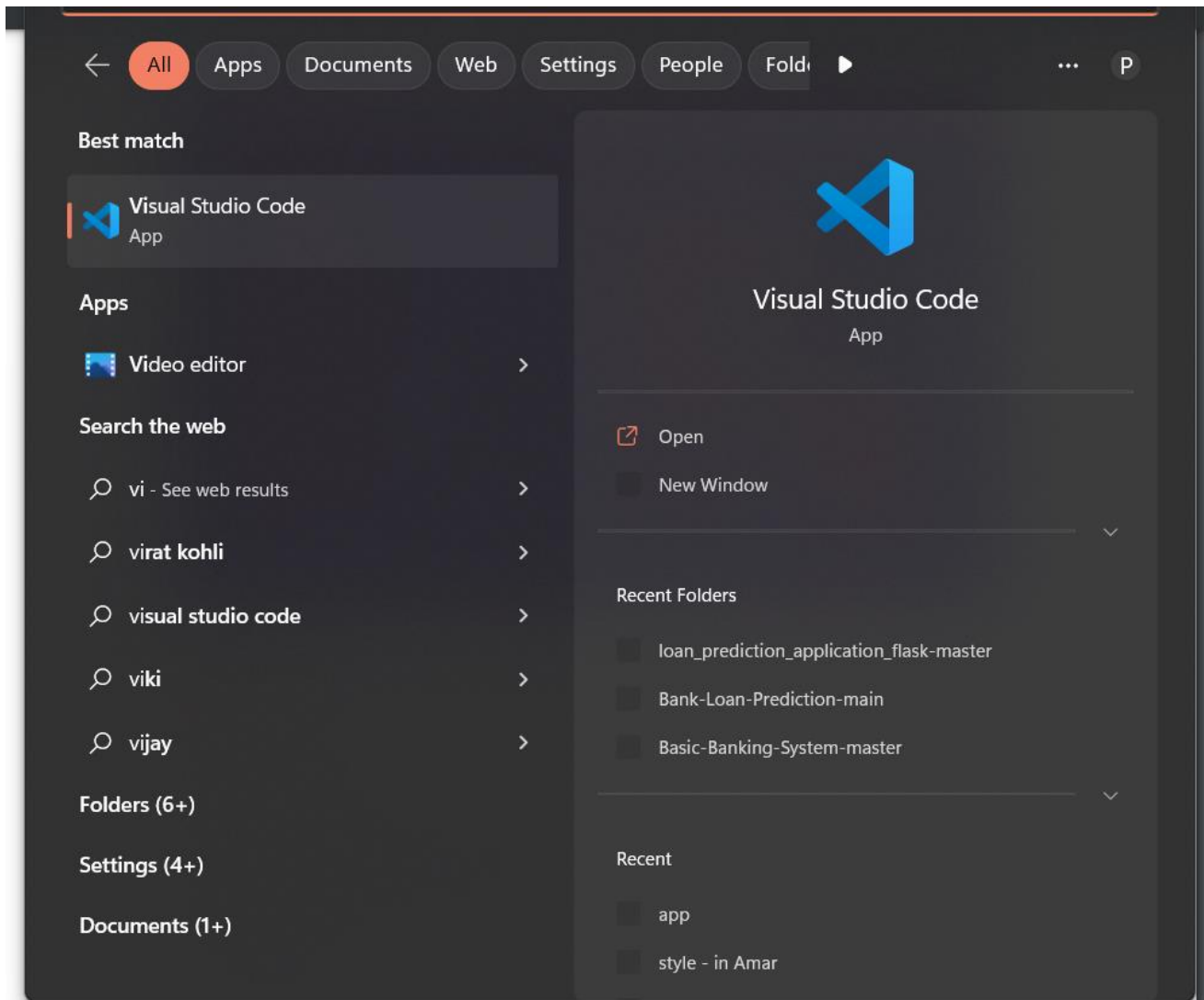
from sklearn.model_selection import cross_val_predict
from sklearn.model_selection import GridSearchCV
import time

In [2]: from sklearn.tree import DecisionTreeClassifier
from sklearn.linear_model import LogisticRegression
from sklearn import svm
from sklearn.neighbors import KNeighborsClassifier
from sklearn.ensemble import RandomForestClassifier

from sklearn import metrics
```

- Numpuy
- Pandas
- Matplotlib
- Pickle
- Scikit-learn
- Seaborn

4.IDE(VS code):



5.Dataset

6.Flask

7.Bootstrap

8.Virtual Environment

9.MY SQL