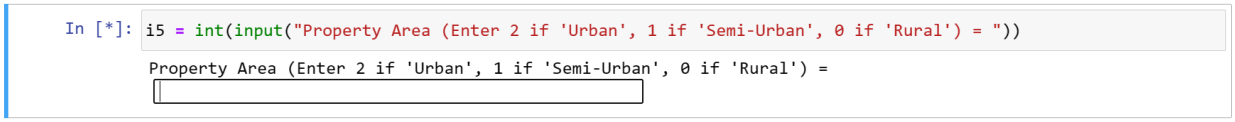
Screenshots of user interface and output visualization

1. Give the input of the required details as directed in the interface.



2. After filling the all the details, Interface looks like :-

```
In [31]: i8 = int(input("Number of Dependents (Enter 0 if 0 Dependents, 1 if 1 Dependent, 2 if 2 Dependents, 3 if 3 or

         Number of Dependents (Enter 0 if 0 Dependents, 1 if 1 Dependent, 2 if 2 Dependents, 3 if 3 or more Dependen
         ts) = 0

In [32]: i9 = int(input("Wether you are self Employed or not? (Enter 1 if 'Yes', 0 if 'No')"))

         Wether you are self Employed or not? (Enter 1 if 'Yes', 0 if 'No')0

In [33]: i10 = int(input("Education (Enter 1 if 'Graduate', 0 otherwise) = "))

         Education (Enter 1 if 'Graduate', 0 otherwise) = 0

In [34]: i11 = int(input("Credit History (Enter 1 if no pending loans, 0 otherwise) = "))

         Credit History (Enter 1 if no pending loans, 0 otherwise) = 1
```

3. The output of the interface looks like :-

```
In [38]: result = grid.predict(df_test)
         if result[0]==1:
             display(Image(url= "Yes.jpg", width=400, height=400))
         else:
             display(Image(url= "No.jfif", width=400, height=400))
```

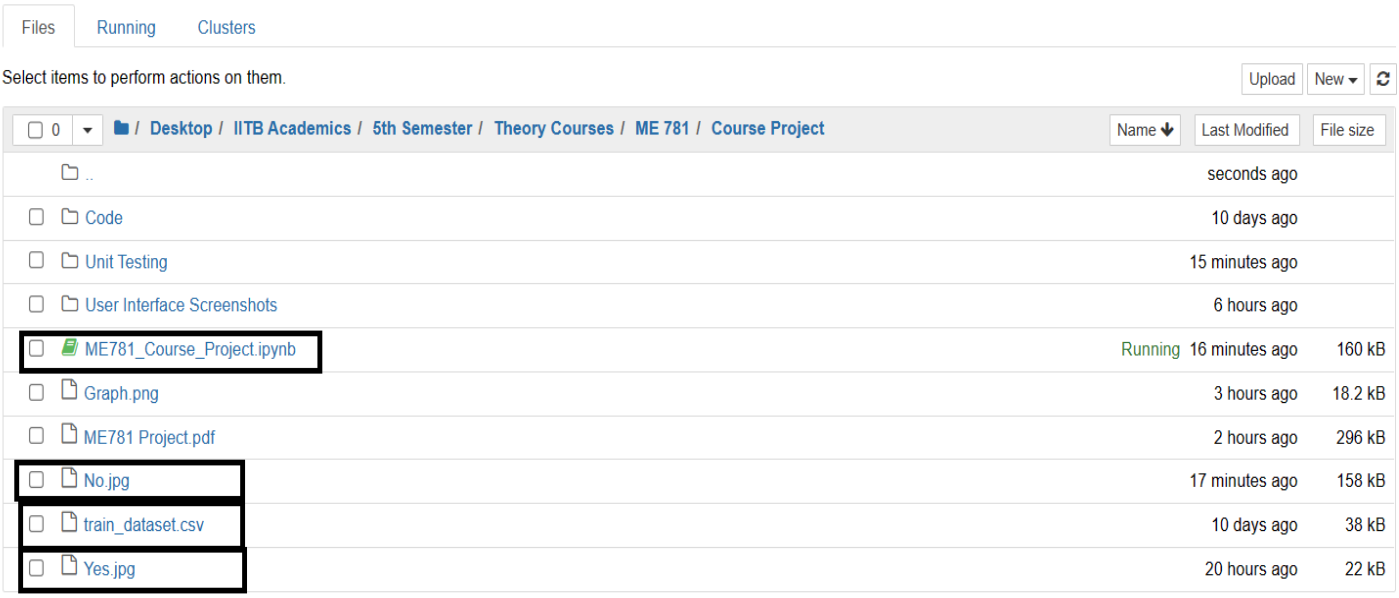
User Manual

1. Scope and Purpose

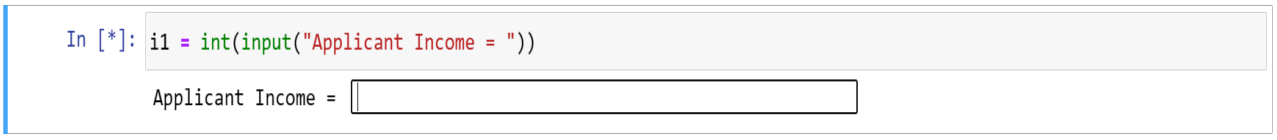
This Product is a software that helps in deciding whether Loan should be provided to a particular individual not based on the data of the individual.

2. Stepwise Procedure

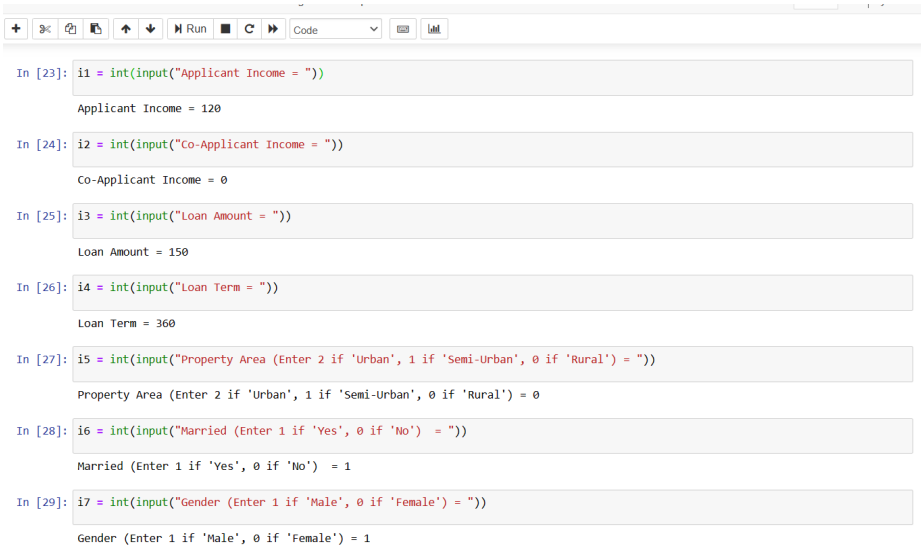
i) Download the Data file (train_dataset.csv) , Jupyter notebook file (.ipynb file) and 2 images (Yes.jpg and No.jpg) . Save all of them in the same directory as shown:-



ii) No open the ipynb file using Jupyter Notebook and start running the cells until you reach the cell Shown below:-



iii) Now from this cell onwards you need to Enter the details in the form asked. Once you have completed entering the data, the cells will look like:-



iv) After entering all the data you can run the remaining 2 cells and the result will show up as “Approved” if the loan is Approved or “Not Approved” if loan is not approved.

v) Now once done, to check for another data you should do :-
Cell → All Output → Clear