

Readme document

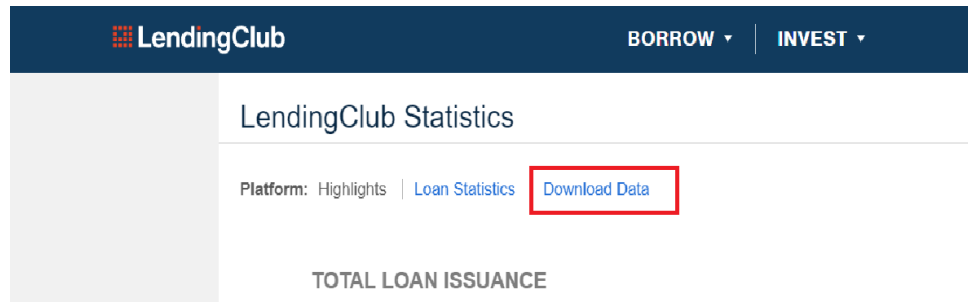
The current folder has the below folders and files:

Important files:

1. **FinalThesisReport_AnilJain_8_1.pdf**: This is the final thesis report in PDF format.
2. **Turnitin_report_AnilJain_8-3.docx.pdf**: This is the turnitin plagiarism report.

Important folder:

1. **data**: this is the data folder and currently is empty.
 - a. **Note**: Data can be downloaded from the google drive
 - a. <https://drive.google.com/drive/folders/1YW3bQfTTITpzi98LnKtJzqKD7emW9-sN?usp=sharing>
 - b. Data can also be downloaded from the USA Lending club site
 - a. <https://www.lendingclub.com/info/statistics.action>



2. **LCDataDictionary.xlsx**: This is the data dictionary file downloaded from the USA Lending club site
3. **code**: This is the code folder and has the below files
 - a. **"p2p-cnn-model-pre-processing.ipynb"**: python notebook file for data pre-processing in model development.
 - b. **"p2p-lending-cnn-model-with-zero-batch-size.ipynb"**: python notebook file for EDA and cnn model development for batch size 0.
 - c. **"p2p-lending-cnn-model-with-batch-size-32_v1.ipynb"**: python notebook file for EDA and cnn model development for batch size 32.
 - d. **"p2p-lending-cnn-model-with-batch-size-128_v1.ipynb"**: python notebook file for EDA and CNN model development for batch size 128.
 - e. **resnet.py**: resnet model file
 - f. **util.py**: python utility file for common code
4. **output**: This is the output folder of the model execution and contains excel sheets that have many tables created for the thesis writing.
5. **plots**: This is the folder that contains important plots during model development and EDA for thesis writing