

# Software Used

iPython Jupyter Notebook, installed locally using Anaconda and used online in Kaggle Kernel.

## Instructions for Code Execution

The folder Kickstarter Code and Outputs contain all output files generated by the .ipynb notebook files.

The code written in Kaggle is also downloaded as iPython Notebooks but the executions are not saved due to lack of on prem resources. View the Project Demo for detailed snapshots on execution results.

## Steps for Execution

1. Go to Kickstarter Data Analysis Notebook and run all the cells till the cleaning, topic modelling and generating url list phase.
2. Process these URLs by running the Kickstarter.py file using Python 3.
3. After running for an indefinite amount of time, information on project, updates, authors, rewards etc. will be collected in the output folder.
4. From author IDs, scrape created and backed information using the authors notebook which contains the scraping code to collect the same.
5. Merge these information and save as separate CSV files for further processing by TextCNN and MLP, Ensemble Notebooks.
6. If possible, run these, using GPU for better performance, to predict success using the textual and numeric features. If everything works as expected, we can see a 93.1% accuracy achieved.