























Project Folder Structure

| | |
|--------------|---|
| Date | 10 November 2022 |
| Team ID | PNT2022TMID06086 |
| Project Name | Project-Machine Learning-Based Predictive Analytics For Aircraft Engine |

Main Folder:

- **"templates"** folder has the HTML pages stored in it.
- **"app.py"** is the python script for server-side computing.
- **"debug.log"** and **"engine_model.sav"** are the model files that are to be built.
- **"Engine-Train.ipynb"** is the training notebook and **Engine-Test.ipynb** is the testing notebook.
- **"index.html"** is the home page that should be used for initiating the application.
- **"truth.txt, train.txt & test.txt"** files are the datasets.

| | | |
|---|---|---|
| >  | .ipynb_checkpoints | 25-Apr-22 12:42 PM |
| ✓  | Dataset | 25-Apr-22 11:02 AM |
| |  | PM_test.txt 16-Dec-21 11:57 PM |
| |  | PM_train.txt 16-Dec-21 11:57 PM |
| |  | PM_truth.txt 16-Dec-21 11:57 PM |
| ✓  | Flask | 25-Apr-22 2:23 PM |
| | >  | assets 25-Apr-22 11:02 AM |
| | >  | templates 25-Apr-22 11:02 AM |
| |  | app.py 25-Apr-22 2:23 PM |
| |  | deployment.py 16-Dec-21 11:57 PM |
| |  | engine_model.pkl 25-Apr-22 1:41 PM |
| |  | engine_model.sav 16-Dec-21 11:57 PM |
| |  | IBM_Deployment.ipynb 16-Dec-21 11:57 PM |
| |  | index.html 16-Dec-21 11:57 PM |
| | {.} | apikey.json 16-Dec-21 11:57 PM |
| |  | Damage Propagation Modeling.pdf 25-Apr-22 1:01 PM |
| |  | engine_model.pkl 25-Apr-22 1:41 PM |
| |  | engine_model.sav 25-Apr-22 12:51 PM |
| |  | Flask.zip 31-Mar-22 12:37 PM |
| |  | Prognostics-Test.ipynb 25-Apr-22 2:22 PM |
| |  | Prognostics-Train.ipynb 25-Apr-22 3:09 PM |
| |  | README.md 16-Dec-21 11:57 PM |
| |  | SentientData.zip 25-Apr-22 3:48 PM |