**Instructions for project evaluation**

**Before starting working on the Evaluation projects read the instructions carefully & follow the steps.**

* Import the required libraries and data.
* Do the careful EDA analysis, preprocessing and feature engineering on the given data.
* Build/Test multiple models on the same dataset.
* Check underfitting/overfitting, avoid underfitting or overfitting (bias/variance) , cross validation and all performance parameters(metrics) for all models depending on the problem type.
* Try to achieve a model with good performance.
* Select the best/final performing model and explain on what basis you have selected the particular model as a final model.
* Do hyper parameter tuning on the final/best model or on all models.
* Save the best model for production and convey on which basis you have chosen that model.
* Make the documentation and write your findings in the same file i.e. ipynb.
* **Create a separate jupyter notebook(ipynb file) for each project.**
* **Upload your solutions(ipynb file of your project) in the new repository created for the Evaluation project Phase on your Github account.**
* **Share the Github link of the same with your SME using the PMT message tool.**
* Do not submit projects in zip file format or any other format of file otherwise projects submitted in any other format of file will not be accepted and will be marked as invalid submission.
* **Do build your own solution completely.**
* **Solutions, code copy & paste from Google, project discussion sessions or any other source will be invalid.**
* **Technical queries(Codes, Syntax, errors, etc.) related to the evaluation projects and data science modules will not be entertained.**

**Instructions related to Excel Dashboard Evaluation project**

* Download the excel file from the github link given below.
* **Link of the dataset-** <https://github.com/FlipRoboTechnologies/Datasets>
* All the instructions and problem statements are embedded in a separate sheet (Requirements) within the attached workbook.
* **Create an Excel dashboard for a given dataset based on the requirements and tips given in the "Requirements" sheet.** No additional information is needed to solve this project.
* No help or support will be given under any circumstances. Please note that if any clarification is required, you need to use your best possible judgment/decision on the problems and solve this project based on your understanding and decisions.
* Upload your solution(excel file with dashboard) in the new repository created for the Evaluation project Phase on your Github account.
* Share the Github link of the same with your SME using the PMT message tool.