Data Analytics with Python

Mini-Project GUIDELINES

VALUE ADDED COURSE

Dear students, consider the document as guidelines for completing the mini-project. This is considered as the final work for our VAC. Marks will be awarded based on the Genunity of thecontent and the quality of it.

GUIDELINES:

- Problem Statements for the mini-project is provided after the guidelines.
- This is a group task.
- Choose one problem statement.
- Explanation of the project for minimum of 15 lines is expected.
- Explanation is to be done in the markdown file in GitHub.
- Contents for the markdown file,
    - Introduction about the problem statement & data.
    - Explanation of the process and things carried out.
    - Inference.
    - Performance Metrics Explanation.
- Nomenclature for file names,
    - Mini-Project – **"Regression – Prediction of <Name of problem statement/data>".**
- **Post** your works in your **GitHub profile** under the folder "Data Analytics" as separate sub-folder.
- Name the sub folder as **"Regression"** and in it upload the following files.
    - Python File/Notebook
    - Dashboard of the data in pdf
    - Explanation of the project along with group members name in the md file
- **One week** is provided to complete this mini-project. **Last date** will be **28th April 2023**
- For any doubts or clarification, you can contact Pradish & Sugavanesh from Prag Robotics and also you can use the whatsapp group.

Problem statement

Perform predictive analysis and create a report using google data studio.

Please use the drive link to download the data set for 3 to 10 topics

https://drive.google.com/drive/folders/1P8wxd9OKXLlpTewkvHujBbUTOMBMahCe?usp=share_link

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1	Taxi tip prediction (Use inbuilt data set from seaborn)
2	Sports Prediction (data can be downloaded of your choice)
3	Weather Prediction
4	Bank Ruptcy Prediction
5	Wind Speed Prediction
6	Solar Output Prediction
7	Mobile Price Prediction
8	Diamond Price Prediction
9	Body Fat Prediction
10	Quality of Red Wine