**Project Instructions**

**(Kindly read this document carefully)**

**Project Logistics**

* It will be a group project, with every team consisting of 4-5 members
* A group can choose a project from the list below.
* Project will be allocated on a first come first serve basis.
* Each project will have a mentor. It is the project group’s responsibility to reach out to the mentor and make continuous progress.
* Final project allocation and team formation will be completed by **22nd May end of the day.**
* There will be three submission for a project from each team:
  + **Project Outline Submission (26th May):** You will have to give the gist of the project (description, datasets), techniques, plan for the project execution, etc. **(Marks out of 100)**
  + **Mid Project Submission (2nd June):** You will have to present the EDA (if required), code implementation of the project, proper interpretation of the results, future scope and improvements. **(Marks out of 100)**
  + **Final Project Submission (6th June):** Present the final working code of the project along with challenges faced, improvements performed throughout the project, future scope, etc. **(Marks out of 100)**

**Project List**

**1. Movie Recommendation System**

* Technologies - ML, NLP, Matrix Factorization
* Prerequisites - Python, ML, NLP, Linear Algebra Knowledge
* Domain - Entertainment
* For More Details - [**Click Here**](https://docs.google.com/document/d/1FrDaT7y0CAzU38lqLqfsKi6JqmpcbbM3LiQc5BnonYQ/edit?usp=sharing)

**2. Plant Disease Recognition**

* Technologies - DL, Computer Vision
* Prerequisites - Deep Learning, OpenCV, Image Processing and Segmentation
* Domain - Agriculture
* For More Details - [**Click Here**](https://docs.google.com/document/d/1rMqFfqrX_CmvCgOqFdQ8CKoCBQoOQ-gc/edit?usp=sharing&ouid=101183190533718048323&rtpof=true&sd=true)

**3. Healthcare Chatbot**

* Technologies - DL, NLP, RASA
* Prerequisites - Python, NLP, Flask
* Domain - Healthcare
* For More Details - [**Click Here**](https://docs.google.com/document/d/1p5E19uYZuy7k--RRubLYzSCIlOgQap53IoxUf6QPOa8/edit?usp=sharing)

**4. Quora Question Similarity with MLOPs**

* Technologies - ML, NLP, MLOPs
* Prerequisites - Python, Machine Learning, NLP and MLOPs
* Domain - Internet/Social Networking
* For More Details - [**Click Here**](https://docs.google.com/document/d/1zr4Lof5X78CTffhc42ED-qIZTgzSPOD4zWjj7PGSgVA/edit?usp=sharing)

**How to Apply for the FINAL Data Science PROJECT?**

**Fill the Team Formation Form**

**Deadline 19th May, 11:59 AM IST (BEFORE NOON)**

**Form Link to apply is available in your DS Internship Group**

**Important points:**

* Every member is supposed to fill this form to get a project allocated.
* In case you miss filling this form before the deadline, the project won’t be allocated.
* Make sure to choose a unique Team Name if you are planning to work on the project in a team.
* In case you are not having any team preferences and want to get a random team allocation, mention NA under Team Name.
* Maximum team size should not exceed 5 members. In case there are more than 5 members in the team, project allocation will be done randomly for all those participants.
* Also, make sure to fill your linkedin and github profile links in the form. (Mandatory)
* Last day to fill the form is **19th May, 11:59 AM IST (Before Noon)**. No exceptions will be entertained after that.

**Data Science Internship Certification and Letter of Recommendation?**

* After final project submission, certificate of internship completion will be automatically generated and shared over your registered email ids within 2 weeks.
* Letter of Recommendation will be given to only those participants who have shown exceptional performance during the entire tenure of their internship including the final project presentation and viva.