KDAG Associates' Selection Round 2

CORE TEAM

CODING TASK

You are required to complete **both Task 1 and Task 2.** Links to the tasks are provided below:

Task 1: [LINK](#)

Task 2: [LINK](#)

Instructions:
- Submit your solution in a **.ipynb notebook format.** Refer this [Jupyter Notebook Tutorial](#)
- Ensure your notebook is error-free; it should run without errors when clicking "Run All".
- You are only allowed to use libraries mentioned in the task.
- Points will be awarded based on your approach and thought process. Explain your thought process using Markdown cells.

Submission Deadline: 12th February 2025

Submission Form: [LINK](#)

If you have any doubts regarding the tasks, feel free to contact the following for their respective tasks.
Task 1: uditmpradhan@gmail.com | vraghuveer382@gmail.com
Task 2: nayandeepdeb125@gmail.com | khanshehryaar705@gmail.com
NOTE: Selection to the Personal Interview round will be solely based on your performance in the Coding Task.

READING TASK:

These papers are essential for your personal interview preparation. You can select **one of the 3 papers** to prepare for the interview. Additional points will be awarded if you prepare more than one.

Paper 1: [LINK](#)

Paper 2: [LINK](#)

Paper 3: [LINK](#)

Task Prerequisites and Basic Resources

If you're not familiar with Python and its libraries like Numpy, Pandas, Matlplotlib, and Seaborn, we suggest you first go through the following Tutorials and Video Walkthroughs from freeCodeCamp:

Python: 1. Scientific Computing with Python Certification | freeCodeCamp.org

      2. https://www.w3schools.com/python/

Libraries: Full Course for Beginners (Numpy, Pandas, Matplotlib, Seaborn)