Pre-Hackathon Assignment: Social Media Performance Analysis

Submission Deadline: January 8th

Objective:
Develop a basic analytics module utilizing Langflow and DataStax to analyze engagement data from mock social media accounts.

Required Tools:

- DataStax Astra DB for database operations.
- Langflow for workflow creation and GPT integration.

Task Details:

1. **Fetch Engagement Data:**
- Create a small dataset simulating social media engagement (e.g., likes, shares, comments, post types).
- Store this data in DataStax Astra DB.
1. **Analyze Post Performance:**
   Using Langflow, construct a simple flow that:
- Accepts post types (e.g., carousel, reels, static images) as input.
- Queries the dataset in Astra DB to calculate average engagement metrics for each post type.
1. **Provide Insights:**
   Utilize GPT integration in Langflow to generate simple insights based on the data.
   Example outputs:
- Carousel posts have 20% higher engagement than static posts.
- Reels drive 2x more comments compared to other formats.

Submission Requirements:

Visit - https://www.findcoder.io/

- Create your project and link it to the Level Supermind Hackathon.
- Record a video describing:
    - The Langflow workflow
    - How DataStax was used to store and query data
    - How GPT was leveraged to generate insights
- Submit the link to your Github repository or a Google Drive link containing a ZIP file of your code.
- Submit the YouTube video link (ensure the video is not private).
- Include a well-written description (recommended).
- Ensure the project repository is public.

Note:
A demo video is mandatory.

Hackathon submissions happening on :-
https://www.findcoder.io/hackathons/SuperMind-Hackathon/67668c927a79c23209528177