



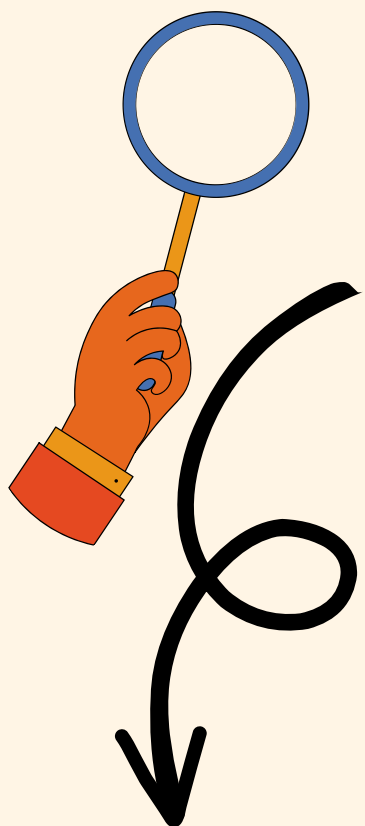
CODTECH

INTERNSHIP





TASKS



DATA ANALYSIS



NOTE:

-  **MUST ATTEMPT FOUR OUT OF FOUR TASKS**
-  **SUBMIT BEFORE DEADLINE**
-  **USE INTERNET RESOURCES**
-  **FOLLOW GROUP UPDATES**

COMPLETION CERTIFICATE WILL BE
ISSUED ON YOUR INTERNSHIP
END DATE .

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INTERNSHIP

TASK -1



BIG DATA ANALYSIS

INSTRUCTIONS:



PERFORM ANALYSIS ON A LARGE DATASET USING TOOLS LIKE PYSPARK OR DASK TO DEMONSTRATE SCALABILITY.

DELIVERABLE: A SCRIPT OR NOTEBOOK WITH INSIGHTS DERIVED FROM BIG DATA PROCESSING.

COMPLETION CERTIFICATE WILL BE ISSUED ON YOUR INTERNSHIP END DATE .

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INTERNSHIP

TASK -2



PREDICTIVE ANALYSIS USING MACHINE LEARNING

INSTRUCTIONS:



- BUILD A MACHINE LEARNING MODEL (E.G., REGRESSION OR CLASSIFICATION) TO PREDICT OUTCOMES BASED ON A DATASET.

- DELIVERABLE: A NOTEBOOK DEMONSTRATING FEATURE SELECTION, MODEL TRAINING, AND EVALUATION.

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TASK -3



DASHBOARD DEVELOPMENT



INSTRUCTIONS:

- **CREATE AN INTERACTIVE DASHBOARD USING TOOLS LIKE TABLEAU, POWER BI, OR DASH TO VISUALIZE A DATASET.**
- **DELIVERABLE: A FULLY FUNCTIONAL DASHBOARD WITH ACTIONABLE INSIGHTS.**

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TASK -4



SENTIMENT ANALYSIS



INSTRUCTIONS:

- PERFORM SENTIMENT ANALYSIS ON TEXTUAL DATA (E.G., TWEETS, REVIEWS)
- USING NATURAL LANGUAGE PROCESSING (NLP) TECHNIQUES.
- DELIVERABLE: A NOTEBOOK SHOWCASING DATA PREPROCESSING, MODEL IMPLEMENTATION, AND INSIGHTS.

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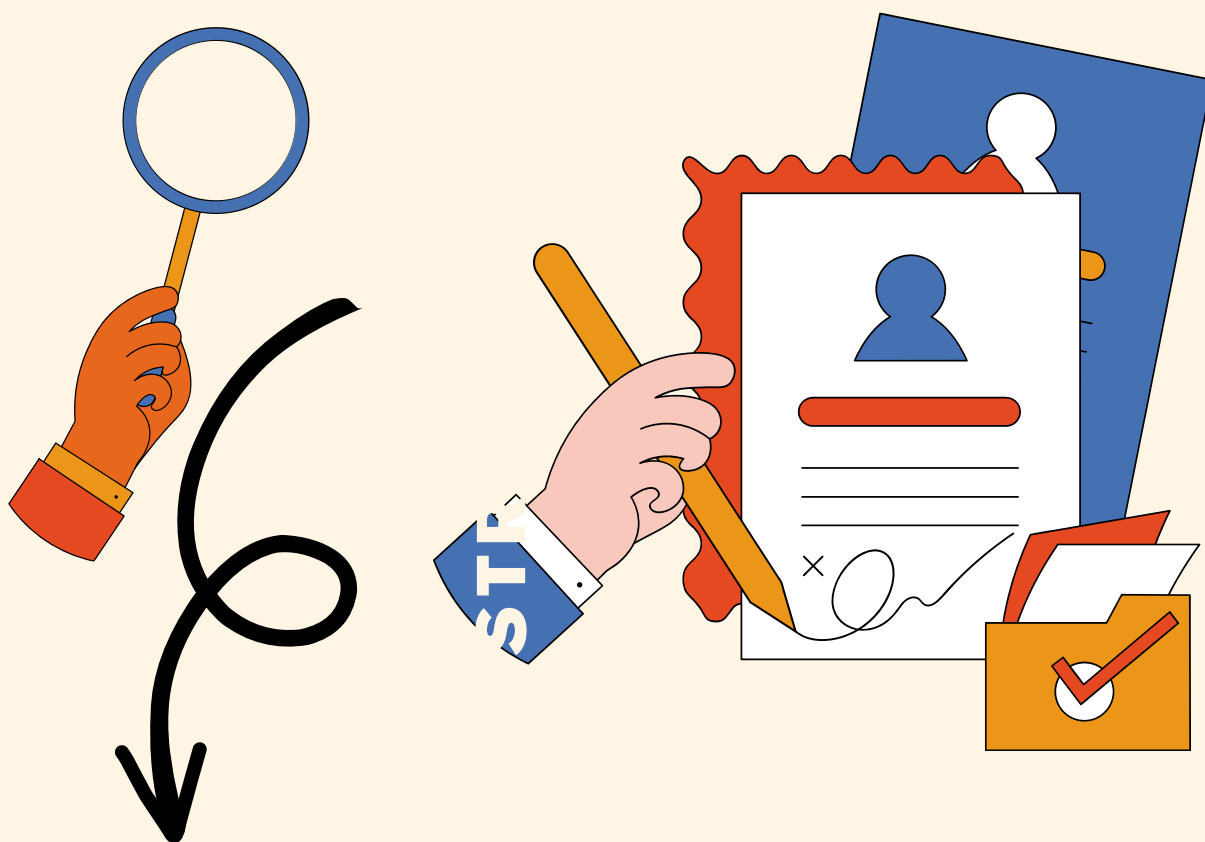
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INSTRUCTIONS

- **STORE ALL YOUR WORK-RELATED CODE AND FILES IN A GITHUB REPOSITORY.**
- **MAINTAIN PROPER COMMENTING IN YOUR CODE FOR BETTER UNDERSTANDING AND READABILITY.**
- **USE RESOURCES LIKE YOUTUBE, GOOGLE, AND CHATGPT TO HELP YOU COMPLETE TASKS EFFICIENTLY.**
- **FOLLOW THE VIDEO GUIDANCE PROVIDED IN WHATSAPP WHILE SUBMITTING YOUR TASKS.**
- **COMPLETE ALL FOUR TASKS AND SUBMIT THEM WITHIN THE DEADLINE WHILE WORKING AT YOUR CONVENIENCE.**



**COMPLETION CERTIFICATE WILL BE
ISSUED ON YOUR INTERNSHIP
END DATE .**

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