



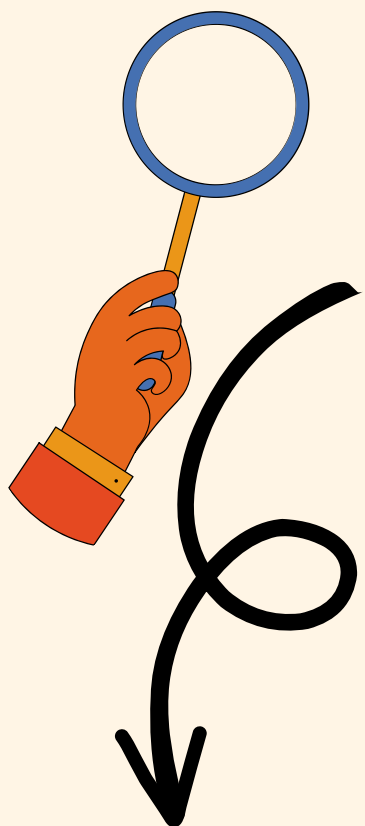
CODTECH

INTERNSHIP





TASKS



ARTIFICIAL INTELLIGENCE



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



TEXT

SUMMARIZATION

TOOL

INSTRUCTIONS:



**CREATE A TOOL THAT SUMMARIZES
LENGTHY ARTICLES USING NATURAL
LANGUAGE PROCESSING
TECHNIQUES.**

**DELIVERABLE: A PYTHON SCRIPT
SHOWCASING INPUT TEXT AND
CONCISE SUMMARIES.**

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TASK -2



SPEECH RECOGNITION SYSTEM

INSTRUCTIONS:



**BUILD A BASIC SPEECH-TO-TEXT SYSTEM
USING PRE-TRAINED MODELS AND
LIBRARIES LIKE SPEECHRECOGNITION OR
WAV2VEC.**

**DELIVERABLE: A FUNCTIONAL SYSTEM
CAPABLE OF TRANSCRIBING SHORT AUDIO
CLIP**

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TASK -3



NEURAL STYLE TRANSFER



INSTRUCTIONS:

- IMPLEMENT A NEURAL STYLE TRANSFER MODEL TO APPLY ARTISTIC STYLES TO PHOTOGRAPHS

- DELIVERABLE: A PYTHON SCRIPT OR NOTEBOOK WITH EXAMPLES OF STYLED IMAGES.

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TASK -4



GENERATIVE TEXT MODEL

INSTRUCTIONS:



**CREATE A TEXT GENERATION MODEL
USING GPT OR LSTM TO GENERATE
COHERENT PARAGRAPHS ON
SPECIFIC TOPICS.**

**DELIVERABLE: A NOTEBOOK
DEMONSTRATING GENERATED TEXT
BASED ON USER PROMPTS.**

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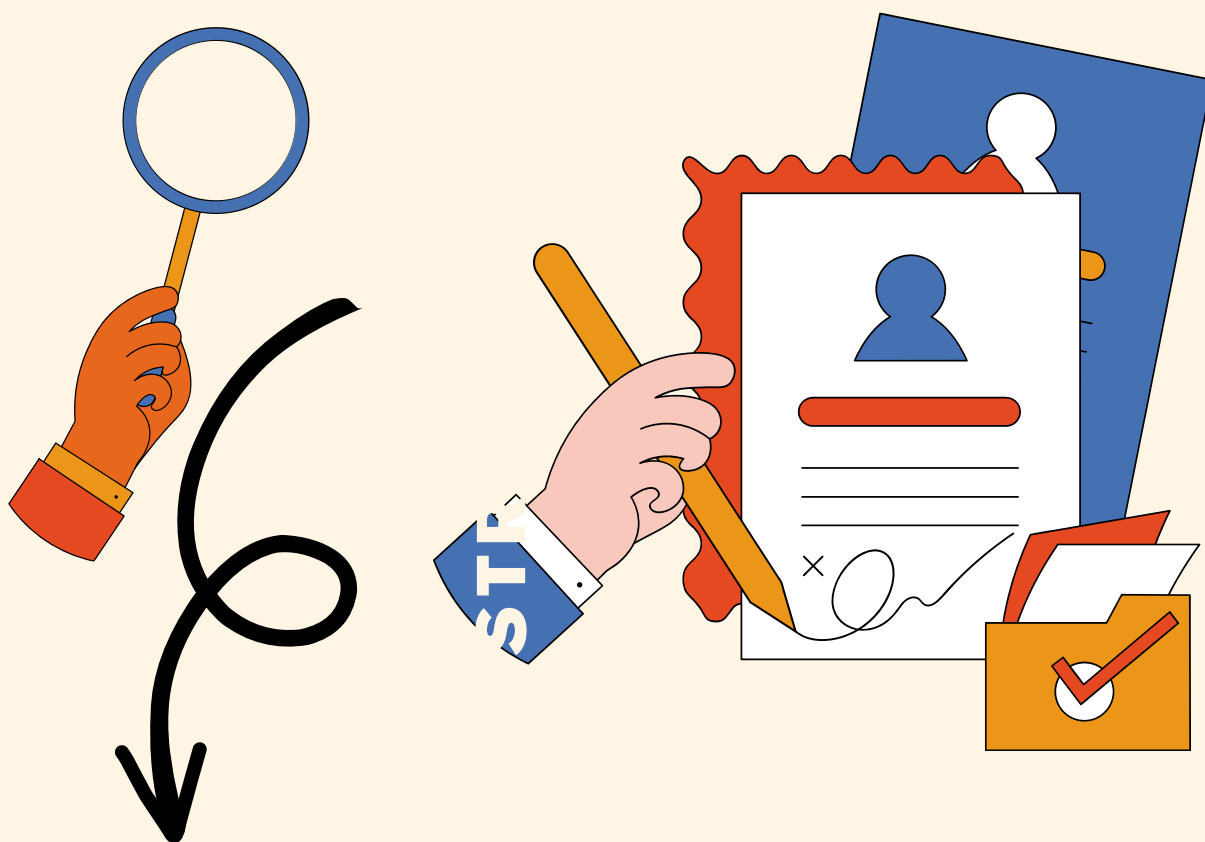
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INSTRUCTIONS

- **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.**



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