

Nerd Studio Task Steps:

1. **Run the HuggingFace Mistral SimpleReader Notebook:**
 - Create an account on HuggingFace and get a free access token.
 - Run the HuggingFace Mistral SimpleReader notebook ([Run in colab](#)) to set up and use a free model from HuggingFace.
2. **Download the Master Branch of the inDox Repository:**
 - Clone the master branch of the inDox repository from GitHub: [inDox Repository](#).
 - Walk through the code to get familiar with how it works.
1. **Write a Python Program:**
 - Write a Python program that calculates the following metrics without using existing libraries specifically for this purpose:
 - **BERTScore**
 - **BLEU (Bilingual Evaluation Understudy)**
 - **ROUGE (Recall-Oriented Understudy for Gisting Evaluation)**
2. **Visualize Results:**
 - Create suitable visualizations for each of the three metrics to clearly present the evaluation results.
 - You can use any library you are familiar with for the visualizations.
 - These visualizations can be in the form of bar charts, line graphs, or any other appropriate graphical representation.
3. **Documentation:**
 - Document all stages of the task thoroughly.
 - Pay attention to creating clear and concise documentation as it is an important part of the task.

Important Notes

- **Do not use ChatGPT** for assistance.
- **Video Recording:** You only need to record a video of your task execution with explanations and send it to us.
- **Testing Your Application:** You can use the query, answer, and context obtained from the notebook executed in the first step to test your application.
- **Time Limit:** The maximum time allocated to complete this task is 24 hours.
- **Code Submission:** Code submission is not mandatory. If someone from our team requests the code, please inform us.
- **Incomplete Task:** If the task is incomplete, there is no need to submit it, and it will not be considered.

Get Help:

- If you have any questions about any steps, feel free to join our [discord](#) and share your problems to get help.