Task 1: Create a CNN for Arrhythmia Categorization

Instruction:

- Using the documentation provided on Medium, create a Convolutional Neural Network (CNN) for the categorization of arrhythmias.
- Dataset: Use the Heartbeat Dataset on Kaggle.
- Objective:
    - Implement the CNN model as described in the Medium article.
    - Ensure a thorough understanding of the data preprocessing, model architecture, training process, and evaluation metrics.

Submission:

- Create a notebook on Kaggle or Google Colab for this task.
- Make the notebook public and provide the link in your submission.

Task 2: Fine-Tune Llama 3.1 and Mistral Models on Text and Summary Dataset

Instruction:

- Fine-tune both the Llama 3.1 and Mistral models using a dataset that contains text and summaries.
- Dataset: Use the Newspaper Text Summarization (CNN/DailyMail) Dataset on Kaggle.
- Objective:
    - Compare the performance of the two models post fine-tuning.
    - Provide an analysis of which model performs better and explain why.

Submission:

- Create a notebook on Kaggle or Google Colab for this task.
- Make the notebook public and provide the link in your submission.