2. Data Cleaning
- Remove noise
- Handle missing values

Data Preparation

Data

Model Setup

Load Pre-trained BERT
Use Hugging Face models

Integrate LoRA

Freeze original weights

Fine-tuning Process

Data preprocessing

- Tokenization with BERT
- Address class imbalance

Training Loop

Define Model Config
Sequence classification

Set Training Parameters
Learning rate, batch size
Optimizer (AdamW)

Evaluation

Performance Metrics
- Accuracy
- Precision, Recall, F1
- Confusion matrix

saving model

- save fine -tuned model
- save tokenizer

Send for inferencing

Inference pipeline TO BE MADE

deploy

DEPLY BY BACKEND

Made with Whimsical