

Grammar Scoring Engine - SHL Hiring Assessment

README - Grammar Scoring Engine

This repository contains a Kaggle notebook developed for the SHL Hiring Assessment Grammar Scoring Challenge.

The goal of the competition is to develop a model that predicts grammar scores for spoken audio samples.

Contents:

- notebookd97e4780df (1).ipynb: Main notebook containing data exploration, preprocessing, model training, and evaluation.
- README.md: This file.

Competition Overview:

- Competition Name: SHL Hiring Assessment - Grammar Scoring
- Objective: Predict grammar scores based on audio data and provided metadata.
- Data: Includes train.csv, test.csv, and .mp3 audio files.

Features:

- Data loading and preprocessing
- Feature extraction (e.g., MFCCs or other audio embeddings)
- Model building (e.g., regression or deep learning models)
- Evaluation metrics (e.g., RMSE)
- Inference on test data

How to Run:

1. Clone the repository:

Grammar Scoring Engine - SHL Hiring Assessment

```
git clone https://github.com/your_username/your_repo.git
```

```
cd your_repo
```

2. Open the notebook using Jupyter:

```
jupyter notebook notebookd97e4780df (1).ipynb
```

3. Follow the notebook cells to run the pipeline.

Dependencies:

- Python 3.8+
- Jupyter Notebook
- Pandas, NumPy
- Scikit-learn