Week 1

Task 1: Choose a Dataset (Kyle & Wissam)

Goal: Select a dataset with American, British, and Vietnamese accents.

Options:

- Common Voice
- VoxCeleb
- L2-ARCTIC
- TED-LIUM

Task 2: Set Up Work Environment (James)

Goal: Make sure everyone is ready for coding.

Steps:

- Install Python & Jupyter Notebook
- **Install these libraries:** pip install librosa numpy pandas scikit-learn matplotlib tensorflow torch torchaudio

Task 3: Learn About Speech Features (Tai)

Goal: Start documenting how accents differ in speech.

Topics to explore:

- MFCCs (Mel-Frequency Cepstral Coefficients)
- Pitch & Formants
- Prosody (rhythm, intonation, stress in speech)