Train model using audio recordings and transcripts

Represent the statistical properties of speech

Represent the relationship between audio signal and phenomes

Text

Description automatically generated

Describe the data set

Model Selection, Accuracy

ASR Accuracy

ASR Dialect Classification

Task

PER and WER

GNN

HMM

Speech Recognition

\*Acoustic Modeling

SVM

Speech recognition for most common tasks like ask for the time,

Transcribe

Medical Terminology

For

Signal processing -> NLP interface -> NLP -> Generation

\*librosa

WFTs

Use pretrained dataset to give us a baseline