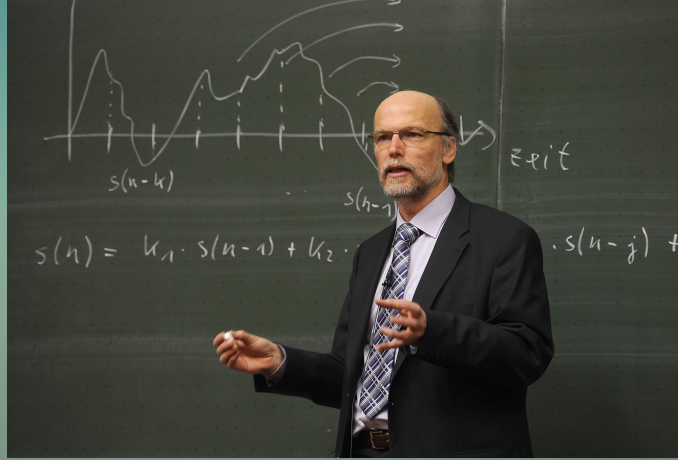


Two overlapping parallelogram shapes, one in a medium blue color and the other in a darker blue color, positioned in the upper-left corner of the slide.

Speech Summarizer

Tino Pietrassyk Final Project

Are you a
good
Listener?





The Mission

With Speech Summarizer you will get the content of a speech at the first glance.

But what about the details ?

Dig as deep as you want!

- Audio Replay
- Full text transcription

How to

1. Record speech as .wav
2. Upload to www.pietrassyk.com
3. Get informed

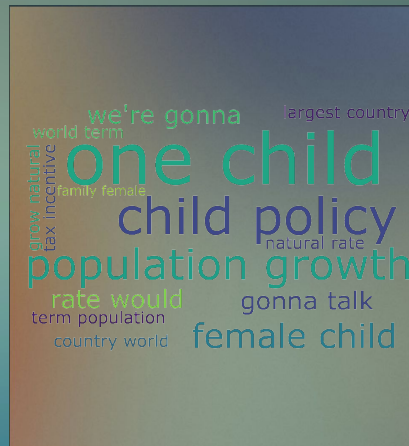
Upload an Audio File

Please note, that the file has to be in a .wav format. Make sure that the audio contains a person speaking.

Choose file No file chosen

Upload

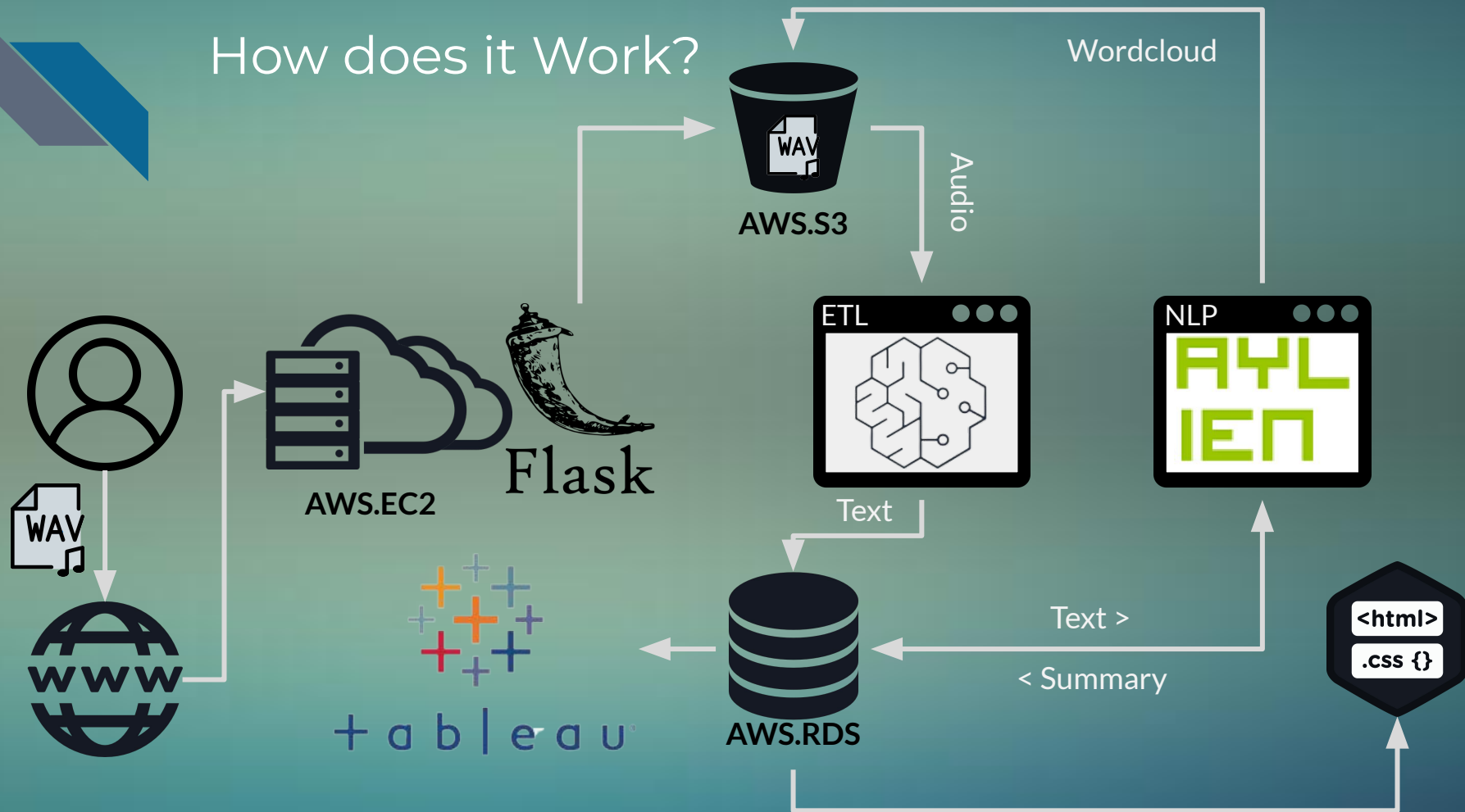
Uploading and Processing might take up to 5 Minutes. Please be patient



Bullet 1

The fact remains that since so much of the economy still lives in rural areas and since so many of the people of China since China has not yet, uh um become productive enough to support such a population way have to take sort of extraneous measures here to limit the population growth.

How does it Work?





Feature Engineering

- Tokenize with custom Stopwords
- Lemmatize using NLTK
- Bigrams for wordcloud

Modeling

AWS.Transcribe API

- Audio to Text Transcription

AYLIEN Text API

- Text summary

NLTK.SIA

- Sentiment Score

Road map

- Process multiple Speakers
- Compare speaker dashboards
- Implement direct recording

