

# Subtitle-AI

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## Team Member

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## Problem Statement

Creating live subtitles for videos/audio to better enable people who may struggle with parsing audio directly, especially with low audio quality.

## Milestones

### Model Accuracy Measure

50% transcription accuracy on testing data for success

## Abstract

## Background

## Method

## Result

## Analysis

## Future direction

## Resources

### Blog

[Netflix Automated Subtitles](#)

[How to Build a Real-Time Transcription App in Python](#)

[Automatic Subtitle Synchronization through Machine Learning](#)

[How to Perform Real-Time Speech Recognition with Python](#)

[How to Create Subtitles for any Video with Python](#)

[Adding closed captions and subtitles](#)

[Automated Audio Captioning](#)

### Research Paper

[NLP Driven Ensemble Based Automatic Subtitle Generation and Semantic Video Summarization Technique](#)