

The Voice



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Introduction

- Our prototype is a web based application
- It is based on to summarize data and than produce a speech of it
- It can be essential tool for people who want to remember any topic in a short amount of time as well for blind people.

Tools

- HTML
- JavaScript
- CSS
- JSON

APIs

- Cohere API
- Elevenlab API

Modules

- Cors
- Express
- Cohere-AI
- PDD-Extraction Cohere-AI

Working

- Upload Your PDF or Research Paper
- Now Extract it
- All the data of the file will come in the text box
- Now press Summarize button it will provide the summary of data with Cohere API
- The summaries will be saved at the bottom no matter how many times you generate summaries even after the page refresh
- Now take the summary and Paste it into the Audio box
- It will generate Audio speech for the text by using Elevenlab API
- The speed of audio can be set slow or fast
- Audio can be downloaded for being used as Notes.

Layout

The image shows a web application interface with two main sections. The top section is titled "Research Paper Summarization" and features a "Choose File" button with the text "No file chosen" next to it. Below this is a green "Extract Text" button. A large white text area contains the placeholder text "Extracted text will appear here". Below the text area is a green "Summarize" button. The bottom section is titled "Text to Speech Converter" and features a white text input field with the placeholder text "Enter your text here". Below the input field is a blue "Convert to Speech" button. The interface is set against a dark blue background with various icons and a person in a suit.

Research Paper Summarization

Choose File No file chosen

Extract Text

Extracted text will appear here

Summarize

Text to Speech Converter

Enter your text here

Convert to Speech

Links

- <https://research-based-voice-e73d.vercel.app/>
- <https://github.com/Strike00100/ResearchBasedVoice.git>

Thank
You!