

## AI, PROJECT VIDEO SCRIPT

Keerthivasan:

Hi, I am Keerthivasan and I had played the role of team leader and coder for this project. Our objective is to create an AI model on speech recognition. Speech recognition is a subfield of artificial intelligence (AI) focused on enabling machines to process and interpret human speech. It involves converting spoken language into text using algorithms and machine learning techniques

Ashwini:

Hi, I am Ashwini and I had played the role of data researcher for this project. The data for this project has been collected from authentic sources and has been cleansed thoroughly to ensure unbiased result, devoid of any errors based on prejudices. The major sources used are LibriSpeech, GigaSpeech TED-LIUM, Common Voice etc.

Atchaya :

Hi, I am Atchaya Vardhini and I had played the role as a data expert. The main aim of our project is The aim of this project is to design and develop an AI-based speech recognition system that can accurately convert spoken language into written text or execute specific commands based on audio inputs. This project focuses on leveraging advanced machine learning techniques and robust datasets to achieve high accuracy, efficiency, and adaptability across diverse languages, accents, and noisy environments.

Pria :

Hi, I am Pria Varshini and I had played the role of Designer for this project. My main goal was creating user-friendly interfaces and workflows that enhance the system's usability and accessibility and also ensure the visual and interactive elements align with user needs, providing seamless voice input and feedback mechanisms.

Sanjana:

Hi, I am Sanjana and I had played the role of Video producer for this project. I had ensured the proper planning and implementation in video recording and in the overall project. Our project has a wide range of application, such as voice

assistance, transcription service, Customer Service automation, Language translation, voice search and command.