

AI English Tutor

Boost English fluency
with our AI tutor

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Introduction

Artificial Intelligence (AI) has revolutionized language learning by making it more interactive, personalized, and effective. Our project showcases an AI-driven English tutor, which is designed to enhance the language proficiency of its users.

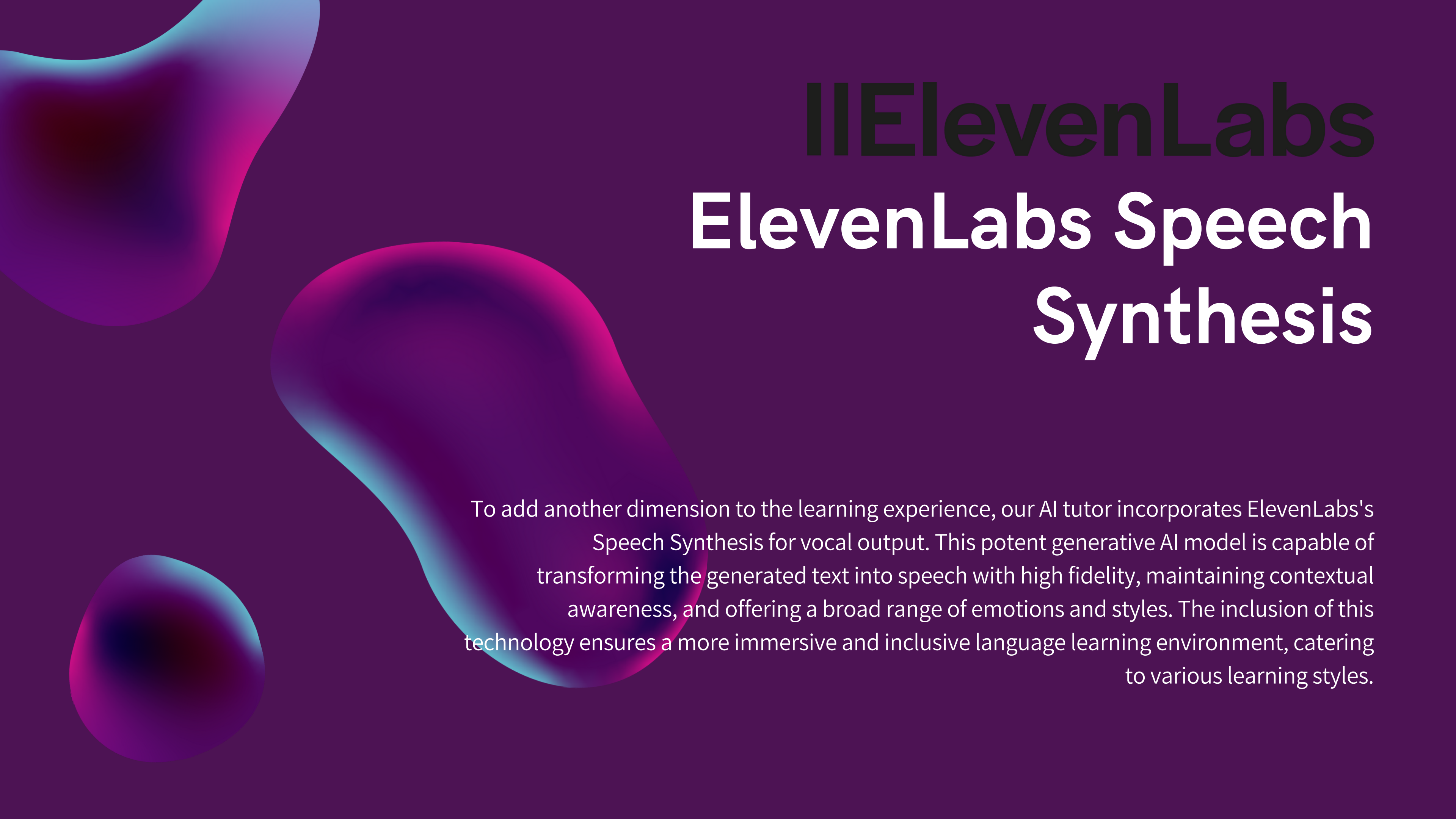
Using cutting-edge AI technology, the tutor can initiate instructive dialogues and provide real-time corrections, thereby facilitating an enhanced language learning process.



OpenAI's GPT-3.5-Turbo

The core of the AI tutor is powered by OpenAI's GPT-3.5-Turbo, a state-of-the-art language prediction model. It processes the user inputs and generates highly realistic text responses, forming the core of the dialogue between the AI and the human.

This model is adept at understanding the context, providing accurate responses, and giving comprehensive language corrections, which makes it an invaluable asset for language instruction.



II ElevenLabs

ElevenLabs Speech Synthesis

To add another dimension to the learning experience, our AI tutor incorporates ElevenLabs's Speech Synthesis for vocal output. This potent generative AI model is capable of transforming the generated text into speech with high fidelity, maintaining contextual awareness, and offering a broad range of emotions and styles. The inclusion of this technology ensures a more immersive and inclusive language learning environment, catering to various learning styles.



Streamlit Application

We have deployed our AI tutor within an easy-to-use interface built using Streamlit, a favored framework for machine learning and data science applications.

Streamlit's ability to facilitate quick prototyping and deployment makes it an excellent choice for our project. Its intuitive design and interactivity allow users to comfortably engage with the AI tutor.

In conclusion, our AI-driven English tutor signifies a seamless amalgamation of advanced technologies to redefine language learning. Its capacity for interactive teaching and real-time feedback assures users of substantial improvements in their English proficiency.

This project underscores the significant strides made in AI-powered education and the promising potential it holds for future learning methodologies.