Says

What have we heard them say?
What can we magine them saying?

In our society, we have people with disabilities. The technology is developing day by day but no significant developments are undertaken for the betterment of these people.

Communications between deaf-mute and a normal person has always been a challenging task. It is very difficult for mute people to convey their message to normal people.

In emergency times conveying their message is very difficult. The human hand has remained a popular choice to convey information in situations where other forms like speech cannot be used.

Voice Conversion System with Hand Gesture Recognition and translation will be very useful to have a proper conversation between a normal person and an impaired person in any language.

Thinks

What are their wants, needs, hopes, and dreams? What other thoughts might influence their behavior?

We routinely speak to voice assistants, use vision processing to identify friends and family in photos, and quietly benefit from behind the scenes algorithms that improve quality and reliability

Advances in consumer oriented AI technologies are now finding new applications and use cases as these capabilities become democratized.

The communications industry, which was once at the forefront of many of these technologies, is now presented with a plethora of new options

for improving existing applications, finding new cost advantages, and redefining existing communications modalities.

Give them a name and a portrait to empathize with your persona.

The project aims to develop a system that converts the sign language into a human hearing voice in the desired language to convey a message to normal people

as well as conve speech into understandable sign language for the deaf and dumb.

It is designed to help product, strategy, and business development decision makers communications service providers, technology vendors, communications-centric app providers, and enterprise information technology organizations.

This study examines the role of Artificial Intelligence (AI) and Machine Learning in Real Time Communications.

. This app enables deaf and dumb people to convey their information using signs which get converted to human-understandable language and speech is given as output.

We are making use of a convolution neural network to create a model that is trained on different hand gestures. An app is built which uses this model.

The report authors have years of experience in technical, product management, and consulting roles evaluating and applying new technologies, including practical work with speech analytics, computer vision, voice bots, and performance algorithms.

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