

## REAL-TIME MULTILINGUAL CONVERSATION TRANSLATION USING MACHINE LEARNING

This is a project that uses machine learning to translate conversations between different languages. Our goal is to build a solution capable of hassle-free, translating quantity spoken dialogue for humans from one language to another, making communication better among distinct cultures. It begins with data. The first stage will be to obtain a large dataset of conversations in different languages and their translations. Once the data is cleaned and normalized, I will train our system using sophisticated models such as transformers. So in our model, we should be able to understand the context and other nuances of each language, which will help us to get correct translations. This means we'll try out different approaches, learn from our results, and make improvements along the way to create a tool that effectively bridges language gaps.