Uno Morse Conversie

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PROBLEM STATEMENT

"Conversion of Morse signal into Audio signal using Kmeans Clustering"

ObJECTIVES

- Making job of Secret agents like RAW, CBI, SPYs easier
- Conversion of secretly transmitted Morse signal into Audio signal within seconds
- Transmission of secret signal with just one button
- I Any alphabet, any symbol, any number can be transmitted by just one button

PROPOSED METHODOLOGY

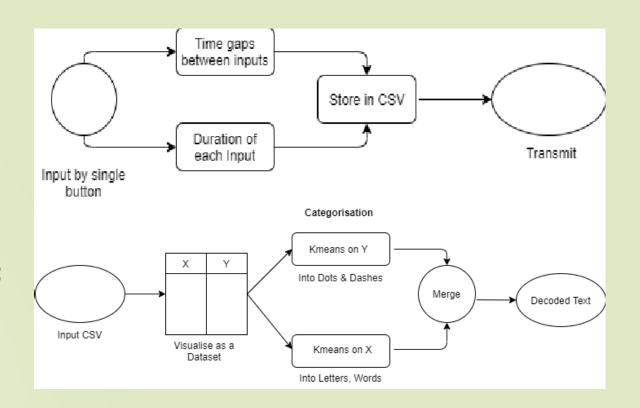
Can be divided into 3 parts:

- Taking input from user, converting into csv
- Conversion of this csv into text using Machine Learning concept i.e., Kmeans clustering
- Converting this text into Audio using gTTs library

ARCHITECTURAL DIAGRAMS

Input Mechanism:

I Conversion mechanism:



RESULTS

Input is converted into csv, then categorised using ML

in this way:

Categorised data is converted into text:

[20] #Decoded Text print(word)

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I Text is converted into Audio:

audio=Audio('output.wav')
audio

► 0:00 / 0:03 **→**

Time of Execution: