

PANTECHEARNING

Speech Recognition and speech Emotion

subset of artificial intelligent



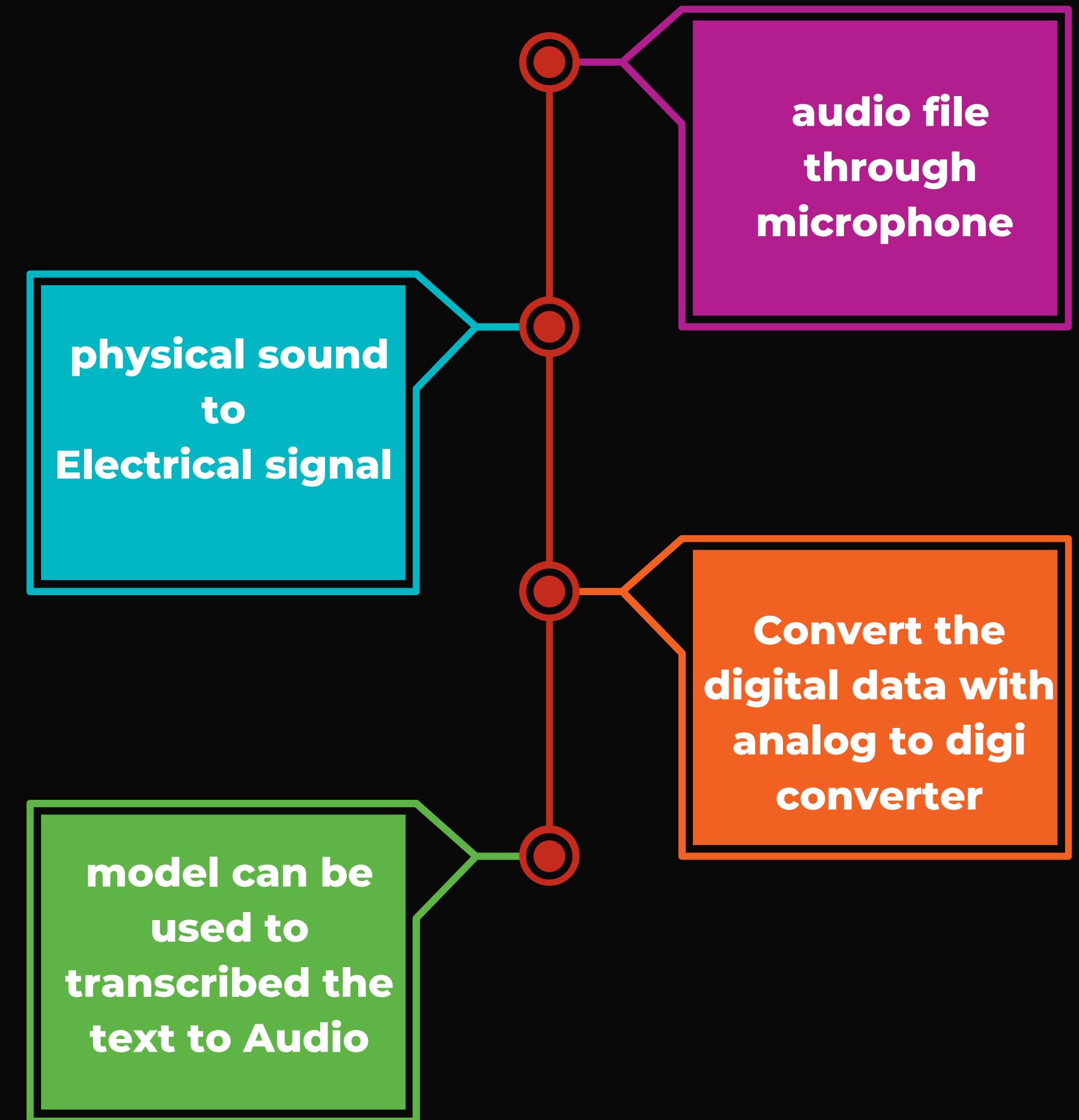
WHAT'S

Speech recognition



- 01 Automatic speech Recognition (ASR), computer speech recogniton or speech to text.
- 02 process of human speech into written format
- 03 Virtual assistants are the most common use of these tools, which are all around us.
Google, Siri, Alexa
- 04 speech recognition focuses on the translation of speech from a verbal format to a text one

How does it works



SPEECH RECOGNITION & EMOTION

Package :



SpeechRecognition

This core package that handle the most important part of conversion process

installation:

`pip install SpeechRecognition`



pyttsx3

is a text-to-speech conversion library in Python
installation:
`pip install pyttsx3`



VADER Sentiment Analysis :

is a lexicon and rule-based sentiment analysis tool
Installation:
`pip install vaderSentiment`



Sentiment analysis

sentiment analysis is the process of 'computationally' determining whether a piece of writing is positive or negative its also known as the opinion mining. Deriving the opinion or attitude of the speaker,



My Time.

"Watch your thoughts; they become words.

Watch your words; they become actions.

Watch your actions; they become habits.

Watch your habits; they become character.

Watch your character; it becomes your destiny."

Do you have any questions?

Send it to us! We hope you learned
something new.





THANK
YOU