

Text to Speech conversion using pyttsx3

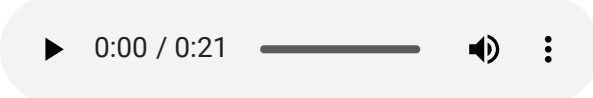
```
In [ ]: #pip install gtts
```

```
In [1]: from gtts import gTTS
        from IPython.display import Audio
```

```
In [2]: text_to_speech = gTTS('Data science is the study of data to extract meaningful
```

```
In [3]: text_to_speech.save('text_to_speech_gtts.wav')
        sound_file = 'text_to_speech_gtts.wav'
```

```
In [4]: Audio(sound_file, autoplay= False)
```

Out[4]: 

Text to Speech conversion using pyttsx3

```
In [6]: #pip install pyttsx3
```

```
In [7]: import pyttsx3
        from IPython.display import Audio
```

```
In [8]: text_to_speech = gTTS('Data science is the study of data to extract meaningful
```

```
In [9]: audio = pyttsx3.init()
        audio.setProperty('rate', 150)
        audio.setProperty('volume', 0.8)
```

```
In [10]: # change the voices
         voice = audio.getProperty('voices')
```

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In [11]: # 0 for male and 1 for female
         audio.setProperty('voice', voice[0].id)      # for male voice
         #audio.setProperty('voice', voice[1].id)     # for female voice
```

```
In [13]: # text-to speech conversion
         audio.say(text_to_speech)
```

```
In [14]: # save the audio file
         audio.save_to_file(text_to_speech, 'test_male_Voice.mp3')
         #audio.save_to_file(text, 'test_female_Voice.mp3')
```

```
In [15]: audio.runAndWait()
```

Audio file download directly in your