

audio_text

August 30, 2022

1 Get the content of the file in text format

```
[52]: # importing libraries
import speech_recognition as sr
import os
```

```
[12]: filename = "AI_Assignment.wav"
```

```
[13]: # initialize the recognizer
r = sr.Recognizer()
```

```
[14]: # open the file
with sr.AudioFile(filename) as source:
    # listen for the data (load audio to memory)
    audio_data = r.record(source)
    # recognize (convert from speech to text)
    text = r.recognize_google(audio_data)
    print(text)
```

hi I have a flight at 7 a.m. from Delhi to Mumbai

2 Fetch the relevant entities and their respective values from the text.

```
[46]: text
```

```
[46]: 'hi I have a flight at 7 a.m. from Delhi to Mumbai'
```

```
[47]: list1 = list(text.split(" "))
```

```
[48]: print('Time is :',text[22:28] )
```

Time is : 7 a.m.

```
[50]: print('Departure location is: ' , list1[9] )
```

Departure location is: Delhi

```
[51]: print('Destination location is: ', list1[11])
```

```
Destination location is: Mumbai
```