



In [2]: `!pip install gtts`

```
Requirement already satisfied: gtts in f:\anaconda3\lib\site-packages (2.5.1)
Requirement already satisfied: requests<3,>=2.27 in f:\anaconda3\lib\site-packages
(from gtts) (2.31.0)
Requirement already satisfied: click<8.2,>=7.1 in f:\anaconda3\lib\site-packages (fr
om gtts) (8.1.7)
Requirement already satisfied: colorama in f:\anaconda3\lib\site-packages (from clic
k<8.2,>=7.1->gtts) (0.4.6)
Requirement already satisfied: charset-normalizer<4,>=2 in f:\anaconda3\lib\site-pac
kages (from requests<3,>=2.27->gtts) (2.0.4)
Requirement already satisfied: idna<4,>=2.5 in f:\anaconda3\lib\site-packages (from
requests<3,>=2.27->gtts) (3.4)
Requirement already satisfied: urllib3<3,>=1.21.1 in f:\anaconda3\lib\site-packages
(from requests<3,>=2.27->gtts) (2.0.7)
Requirement already satisfied: certifi>=2017.4.17 in f:\anaconda3\lib\site-packages
(from requests<3,>=2.27->gtts) (2024.2.2)
```

In [5]: `from gtts import gTTS`
`from IPython.display import Audio`

In [6]: `text_to_speech = gTTS(''Nasser Hussain summed it up best when he said 'it wasn't o`
`text_to_speech.save('text_to_speech_gtts.wav')`
`sound_file = 'text_to_speech_gtts.wav'`
`Audio(sound_file ,autoplay = False)`

Out[6]:

Text to Speech conversion using pyttsx3

Changing the gender using pyttsx3

In [7]: `!pip install pyttsx3`

Requirement already satisfied: pytttsx3 in f:\anaconda3\lib\site-packages (2.90)
 Requirement already satisfied: comtypes in f:\anaconda3\lib\site-packages (from pytttsx3) (1.4.1)
 Requirement already satisfied: pypiwin32 in f:\anaconda3\lib\site-packages (from pytttsx3) (223)
 Requirement already satisfied: pywin32 in f:\anaconda3\lib\site-packages (from pytttsx3) (305.1)

```
In [8]: import pytttsx3
from IPython.display import Audio
text = '''Leadership is the capacity to translate vision into reality.''' "You don't
audio = pytttsx3.init()
audio.setProperty('rate', 150)
audio.setProperty('volume', 0.8)

# change the voices
voice = audio.getProperty('voices')

# 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

# text-to speech conversion
audio.say(text)

# save the audio file
audio.save_to_file(text, 'test_male_Voice.mp3')
#audio.save_to_file(text, 'test_female_Voice.mp3')

audio.runAndWait()
```

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In [ ]:
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In [ ]:
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In [9]: import pytttsx3
from IPython.display import Audio
text = '''Leadership is the capacity to translate vision into reality.''' "You don't
audio = pytttsx3.init()
audio.setProperty('rate', 150)
audio.setProperty('volume', 0.8)

# change the voices
voice = audio.getProperty('voices')

# 0 for male and 1 for female
#audio.setProperty('voice', voice[0].id)      # for male voice
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# text-to speech conversion
audio.say(text)

# save the audio file
audio.save_to_file(text, 'test_male_Voice.mp3')
#audio.save_to_file(text, 'test_female_Voice.mp3')
```

```
audio.runAndWait()
```

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