

TEXT TO SPEECH PYTHON CODE

```
!pip install pyttsx3
```

```
Collecting pyttsx3
  Downloading pyttsx3-2.90-py3-none-any.whl (39 kB)
Installing collected packages: pyttsx3
Successfully installed pyttsx3-2.90
```

```
import pyttsx3
```

```
# Initialize the pyttsx3 engine
engine = pyttsx3.init()
```

```
# Get text input from user
text = input("Enter the text you want to hear: ")
```

```
# Set the text to be spoken
engine.say(text)
```

```
# Run the engine to speak the text
engine.runAndWait()
```

SPEECH TO TEXT

```
import pyttsx3
import speech_recognition as sr
```

```
def get():
    r = sr.Recognizer()
```

```
    with sr.Microphone() as source:
        print('Say something...!')
        audio = r.listen(source)
        print('Done!')
```

```
    try:
        text = r.recognize_google(audio)
        print('You said: ' + text)
    except Exception as e:
        print(e)
```

```
get()
```