Step 1: Install the distutils package

Open a terminal or command prompt.

Run the following command to install distutils:

pip install setuptools this package is used for the voice taking input but in the code

we dont use this a like import setuptools insted of this we use:

import distutils

***STEP1: NEED TO INSTALL THE PACKAGES TO RUN THE CODE :***

***import tkinter***

***from tkinter import messagebox***

***import speech\_recognition # THIS PACKAGE IS USED FOR THE SPEECH RECOGINAZATION IN PROGRAMM***

***import pyttsx3 THIS IS FOR VOICE OF SPEECH***

***import mysql.connector #THIS IS FOR DATABASE CONNECTIVITY***

***import distutils # TO INSTALL THIS PACKAGE WE NEED WRITE LIKE THIS PIP INSTAL setuptools***

to work the voice to voice offline you need to install the package vosk

ex:pip install vosk

to download this package you need to download from the apachi

Please download the model from https://alphacephei.com/vosk/models and unpack as 'model' in the current folder.

i have mentioned this link programm if not availale it show the reference to download

after download you need to place this module where your progamm file is there

here the more clear information for you :

To modify the code to work with voice-to-voice interaction without relying on the internet, you can use the offline speech recognition library, Vosk. Here’s how you can do it:

Install the necessary libraries**: Vosk,** pyaudio, and pyttsx3.

**pip install vosk pyaudio pyttsx3 mysql-connector-python**

Download a Vosk model for offline speech recognition from Vosk Models. For example, the small model for English is sufficient for many tasks: vosk-model-small-en-us-0.15.

Extract the downloaded model to a directory of your choice.

Modify the provided Python script to use Vosk for offline speech recognition.

1. **Download the Vosk Model**:
   * Go to [Vosk Models](https://alphacephei.com/vosk/models).
   * Download the model you need. For example, download the **vosk-model-small-en-us-0.15** model.
2. **Extract the Model**:
   * Extract the downloaded zip file. You should have a folder named something like **vosk-model-small-en-us-0.15**.
3. **Place the Model in the Correct Directory**:
   * Ensure that the extracted model folder is in the same directory as your Python script, or specify the correct path to the model directory in your script.

Here is how you can adjust your script to point to the model correctly:

1. **Download and Extract the Model**:
   * Let's assume you've extracted the model to **C:\Users\manid\OneDrive\Desktop\drdl\vosk-model-small-en-us-0.15**.
2. **Update the Path in the Script**:
   * Change the path in the **init\_speech\_recognition** function to point to the extracted model folder.

Here is the adjusted script: