OBESITY DETECTION USING MACHINE LEARNING

Step-by-Step Flow

1. Anaconda Installation steps

Step 1- Download Anaconda: Visit the official Anaconda website

Install the latest version of Anaconda

https://www.filehorse.com/download-anaconda/

Next-Next-All Users-Install

Step 2-

1. **Install Anaconda:** Run the installer and follow the on-screen instructions. Choose the recommended settings unless you have specific preferences.
2. **Create a Virtual Environment:** Once Anaconda is installed, open the Anaconda Navigator or Anaconda Prompt.
    - Create a virtual environment for your project using the command: **conda create -n Obesity Detection python=3.8**
    - Create environment 3.8.17

Step 3- Select environment 3.8.17 then Spyder install and launch

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Rename Envo. Obesity Detection

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(Right Click) Open terminal

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Install Lib

- **Libaries**

  1] pip install tenorflow

  2] pip install matplot lib

  3] pip install keras

  4] pip install pillow

  5] pip install numpy

  6] pip install opencv-python

  7] pip install matplot lib

  8] pip install scikit-learn

  9] pip install tkvideo

  10] pip install mediapipe

  11] pip install gtts

  12] pip install pandas

  13] pip install flask

  14] pip install mixtend

2.Install DB Browser (SQLite)

Step 1: Download SQLite: Visit the official SQLite website

Install the latest version of SQLite

https://sqlitebrowser.org/dl/

Step 2: Connect to the MySQL Database

- Ensure your MySQL server is running.
- Open SQLite -> New Database -> Open Folder (OBD-2024 CODE) -> Select File (Evaluation, registration).
- Go To Execute SQL, And Use Command**: (SELECT * FROM REGISTRATION)**, To Retrieve Data.

3.Spyder

Step 1:

In Anaconda Navigator, launch Spyder within the Obesity detection environment.

Step 2:

- Open the Project Folder in Spyder
- In Spyder, open r project folder using: **File -> Open (Folder) ->"OBD-2024 CODE".**
- Run File **“Gui main.py”** and Run It.