**Project README**

This repository contains code, datasets, a PowerPoint presentation (PPT), and a paper related to the implementation of machine learning techniques for diabetes prediction.

**Code Overview**

The code is implemented in two Jupyter Notebook files:

ChatBot\_Final\_Project\_1 and ChatBot\_Final\_Project\_2. They have been stored under the folder titled “Code”

**Running the Code**

To run the code, you'll need to have Jupyter Notebook installed on your system. You can install it via Anaconda or using pip:

pip install notebook

Once Jupyter Notebook is installed, simply open the desired notebook file (ChatBot\_Final\_Project\_1.ipynb or ChatBot\_Final\_Project\_2.ipynb) and execute the cells sequentially.

**Dataset**

The dataset used in this project is sourced from Kaggle. It is available as a CSV file named diabetes.csv. This dataset contains various features related to diabetes patients.

You can download the dataset from the following link: <https://www.kaggle.com/datasets/uciml/pima-indians-diabetes-database>

**Additional Resources**

**PowerPoint Presentation (PPT):** A presentation summarizing the project findings and methodologies is available in the presentation folder.

**Paper**: The detailed research paper associated with this project is stored in the paper folder.

**Questions or Concerns?**

If you have any questions, suggestions, or concerns regarding the code, datasets, or project documentation, feel free to reach out to the project contributors.