Objectives

1. Extract data from google fit api- steps , activity,heart rate , sleep hours
2. Take some enteries manually
3. Make a predicting ensemble to predict-sleep disorder,heart attack risk ,(others if needed)

Datasets till now

1. <https://www.kaggle.com/datasets/uom190346a/sleep-health-and-lifestyle-dataset>
2. <https://www.kaggle.com/datasets/henryshan/sleep-health-and-lifestyle>
3. <https://www.kaggle.com/datasets/iamsouravbanerjee/heart-attack-prediction-dataset>

Constraints

1. Real-time accurate data is hard to get
2. Skill-issue

Additions that can be made

1. Add new predictions/detections
2. Leverage chatgpt api to give probable solution

Novelty in my opinion :

1. Using google fit
2. Ensemble with 2 or more base models

Remarks after review 1

1. This is not a capstone project(that is to be done in 6 months)
2. These things already exists in watches
3. Try using real time data set