# Algorithm

(For the prototype)

1. Input:

-Labeled data sources in the form of text

2. Preprocessing:

- Clean the data by handling missing values, removing noise, and standardizing data format.

3. Feature Extraction:

- Selecting features that are most informative for predicting depression.

4. Model Training & Evaluation:

- Choosing an appropriate machine learning algorithm (e.g., SVM, Random Forest, etc.).

- Evaluate the model's performance on the testing set using appropriate metrics (e.g., accuracy, precision, recall, F1-score).

5. Prediction:

- Use the trained model to make predictions on new data.

- Generate predictions on whether an individual is likely to be depressed based on their input data.

6. Output:

- Display the predictions to the user or store them for further analysis.

1. Analysis:

-Storing the data in an excel sheet for further analysis