

LIST OF IMAGES

Figure 3. 1 Entity Relationship Diagram Psyche App.....	20
Figure 3. 2 Unified Modeling Language Psyche App	21
Figure 3. 3 Flowchart Home Page	24
Figure 3. 4 Flowchart Dashboard Page.....	25
Figure 3. 5 Findings from nitter that can still be used for scraping.....	64
Figure 4. 1 ntscraper	32
Figure 4. 2 Login With Twitter.....	33
Figure 4. 3 Predict Personality.....	34
Figure 4. 4 Home Page	34
Figure 4. 5 Authorization Page	35
Figure 4. 6 Dashboard Tweets	35
Figure 4. 7 Dashboard Tweets History	36
Figure 4. 8 Predict Personality.....	36
Figure 4. 9 libraries required to clean the data	37
Figure 4. 10 cleans the raw dataset	38
Figure 4. 11 Cleaned dataset.....	38
Figure 4. 12 gradient boosting	39
Figure 4. 13 The gradient boosting model accuracy and training duration	39
Figure 4. 14 XGBoost model.....	40
Figure 4. 15 The XGBoost model accuracy and training duration.....	41
Figure 4. 16 CatBoost model's.....	42
Figure 4. 17 The CatBoost model accuracy and training duration	42
Figure 4. 18 Train Model XGBoost 1	43
Figure 4. 19 Accuracy Model Xgboost 1.....	44
Figure 4. 20 Train Model XGBoost 2.....	45
Figure 4. 21 Accuracy Model Xgboost 2.....	45
Figure 4. 22 Train Model XGBoost 3.....	46
Figure 4. 23 Accuracy Model Xgboost 3.....	46
Figure 4. 24 Train Model XGBoost 4.....	47
Figure 4. 25 Accuracy Model Xgboost 4.....	47
Figure 4. 26 Train Model XGBoost 5.....	48

Figure 4. 27 Accuracy Model Xgboost 5.....	48
Figure 4. 28 Train Model XGBoost 6.....	49
Figure 4. 29 Accuracy Model Xgboost 6.....	49
Figure 4. 30 Train Model XGBoost 7.....	50
Figure 4. 31 Accuracy Model Xgboost 7.....	50
Figure 4. 32 Train Model XGBoost 8.....	51
Figure 4. 33 Accuracy Model Xgboost 8.....	51
Figure 4. 34 Train Model XGBoost 9.....	52
Figure 4. 35 Accuracy Model Xgboost 9.....	52
Figure 4. 36 Converts the original CSV dataset into JSONL.....	54
Figure 4. 37 Imports the openai package.....	54
Figure 4. 38 uploads training and validation files to OpenAI	54
Figure 4. 39 Creates a fine-tuning task by utilizing the ID	55
Figure 4. 40 Fine Tunig Job.....	55
Figure 4. 41 Fine tuned model.....	55
Figure 4. 42 Request to the OpenAI API.....	55
Figure 4. 43 Predictions from the model and read the dataset.....	56
Figure 4. 44 calculates the accuracy of the model.....	56
Figure 4. 45 Shows that the accuracy of the GPT model	57
Figure 5. 1 Display of additional software from Ngrok	70
Figure 5. 2 URL provided from Ngrok.....	70