Personality classifier

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**-Overview:**

The goal of this project is to build a personality classifier using a combination of NLP (Natural Language Processing) and Computer Vision techniques. This system will:

* Allow users to log in using facial recognition.
* Collect information from the user by having them type responses about their life experiences.
* Analyze these inputs using a machine learning model to classify the user’s personality according to the **MBTI (Myers-Briggs Type Indicator)** framework.

-Data set:

For CV we used : user as datasets( haar classifier)

For NLP we used: **https://www.kaggle.com/datasets/zeyadkhalid/mbti-personality-types-500-dataset**

-Algorithm:

For CV we used : haar cascade

For NLP we used: TF-IDF , Word2Vec, SpaCy, NLTK, BERT, GPT for text analysis and embedding extraction

For Computer Vision:

vgg-face with 2.6 milion imaae trained using deep face liibrary