# Gen AI Data Profiling Architecture

1.Rule Data set generation from Raw input.

HTML output is generated.

Apply Rule set.

3. Login as any User, upload transaction data and apply previously stored rule set against this data to get desired output.

2. Login as an Admin user and Upload the Rule data set created in the previous step.

Create csv file form REGEX pattern.

Using GenAI, HuggingFaces AI (Models: google/flan-t5-xxl, microsoft/tapex-base-finetuned-wtq) and Phython.

Extract the target table and generate the REGEX pattern.

Input Raw Rule Data File (CSV or DOCX)

Upload Transaction Data file(.csv).

User Login

.csv file is validated and stored as Rule Data set

Upload the Rule Data set (.csv) file.

Admin Login