Technical Solution

This section addresses solution for problems discussed in previous section

System overview

Data polish is a web based application primarily for Master’s and PhD student to clean datasets before performing any machine learning or deep learning techniques on their dataset using simple user interface.

Data import

In this page end use will be able to import their dataset for cleaning

It will be saved in cloud and they will get unique ID to track the progress.

A computer screen shot of a cloud

Description automatically generated

Data Profile

In this page end user will the data quality index and full profile of the dataset

A blue background with a square with black text

Description automatically generated with medium confidence

A screen shot of a graph

Description automatically generated

Data cleaning

In this page end user will be able to click the button and data cleaning will be

A blue and white screen

Description automatically generated

Export Data

In this page user will be able to download the cleaned data file

A computer screen shot of a computer screen

Description automatically generated