Data Intake Report

Name: UI with Docker and CI/CD
Report date: 12/04/2024
Internship Batch: LISUM39

Version: 1.0
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Data intake reviewer: Data Glacier
Data storage location:

Tabular data details: train.csv

Total number of observations	614
Total number of files	1
Total number of features	13
Base format of the file	csv
Size of the data	38KB

Proposed Approach:
- Choose a simple dataset, and data cleaning, create one-hot encoding, make boolean Y/N to 1/0, split the data, build a model, save it for a deployment on Flask, create app.py and index.html, run the app, check if the website works on Flask. (week4)
- Created Docker file, requirements.txt, and built image and test, then pushed to Github. Created the folder and file for CI/CD as .github/workflows/deploy.yml in the local directory. Create a new project in render.com. Create and adjust render.yaml file/Dockerfile to reach the subfile as week5. Test the render's URL to if it works on the web. (week5)