

Data Intake Report

Name: <Deployment on Flask>

Report date: <28/03/2024>

Internship Batch:<LISUM31>

Version:<1.0>

Data intake by:<Antara Lole>

Data intake reviewer:<->

Data storage location: <[Data-Glacier-Internship/Week 4 at main · antaralole/Data-Glacier-Internship \(github.com\)](#) >

Tabular data details:

Total number of observations	<151>
Total number of files	<4>
Total number of features	<5 (in iris dataset)>
Base format of the file	<.csv> <Additional files .pkl, .py have been uploaded on Github>
Size of the data	<4 KB >

Proposed Approach:

- 1) Selected a dataset (iris.csv)
- 2) Created a machine learning model in Python to predict the class of the petal (model.py)
- 3) The file “model.py” creates a pickle file (model.pkl)
- 4) Created an “app.py” file to deploy the machine learning model on flask using the pickle file
- 5) Model deployed on flask: [ML API](#)