# Data Intake Report

Name: Deployment on Flask Report date: July 28, 2022 Internship Batch: LISUM11:30

Version:<1.0>

Data intake by: Prince Kumar Lat

Data intake reviewer: N/A

Data storage location: https://github.com/princeklat03/Week5/tree/main

#### Tabular data details:

Total number of observations	8
<b>Total number of files</b>	2
Total number of features	4
Base format of the file	.csv
Size of the data	175 B

Note: Replicate same table with file name if you have more than one file.

## **Proposed Approach:**

- First I used a small dataset (<u>price.csv</u>) to develop a Linear Regression model to predict the price of the houses (<u>Flask Housingprice.ipynb</u>) and I dumped it using "pickle" (<u>linearReg\_model.pkl</u>)
- Further, I used a pre-available <u>index.html</u> template and deployed the model using Flask (App.py.ipynb)

## Here are the snapshots:

1.) Price.csv (Flask\_Housingprice.ipynb, linearReg\_model.pkl)

```
In [1]: 1 import numpy as np import pandas as pd import pickle

In [25]: 1 df = pd.read_csv('/Users/PKLAT/Desktop/Data Glacier/Week 5/price.csv')

In [29]: 1 df['bed_room'].fillna(0,inplace=True)

In [31]: 1 df['area'].fillna(df['area'].mean(),inplace=True)

In [31]: 1 df out[31]: 1 df out[31]:
```

#### Prince Kumar Lat

## 2.) App (App.py.ipynb

### 3.) Deployment

