## Data Intake Report

Name: Cloud and API deployment

Report date: 11-05-2022 Internship Batch: LISUM14

Version:<1.0>

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Submitted to: Data Glacier

```
# Importing the Libraries

disport pumpy as np

import pands as pd

dataset = pd.read_csv('price.csv')

dataset['bed_room'].fillna(0, inplace=True)

dataset['area'].fillna(dataset['area'].mean(), inplace=True)

X = dataset.iloc[:, :3]

#Converting words to integer values

def convert_to_int(word):

word_dict = {'one';1, 'two';2, 'three';3, 'four';4, 'five';5, 'six';6, 'seven';7, 'eight';8,

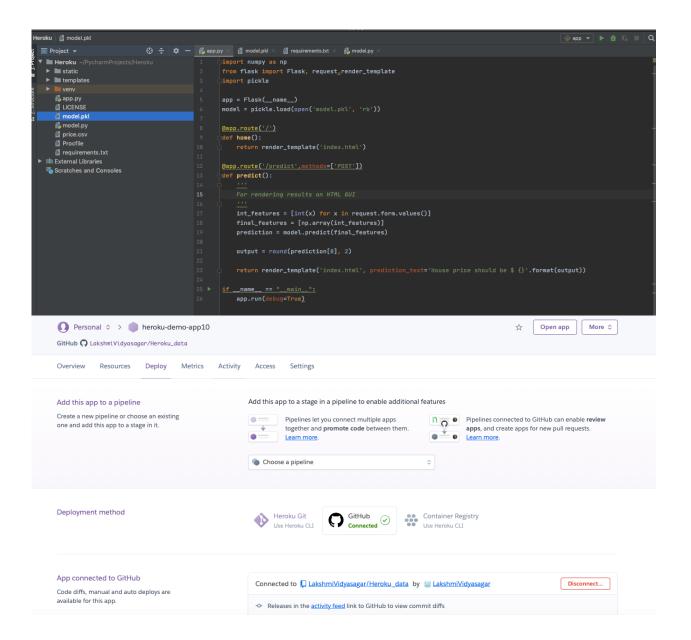
word_dict = {'one';1, 'two';2, 'three';1, 'twelve';1, 'zero';0, 0: 0}

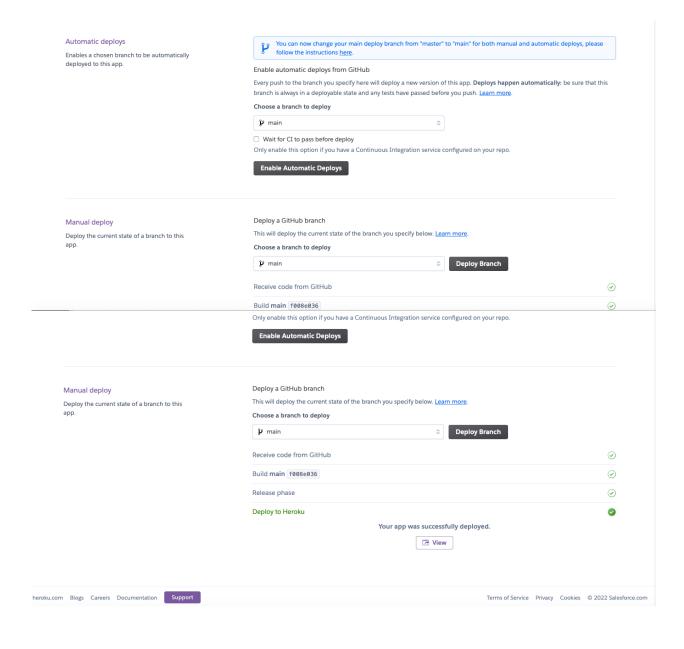
X['bed_room'] = X['bed_room'].apply(lambda x : convert_to_int(x))

y = dataset.iloc[:, -1]

from sklearn.linear_model import LinearRegression
regressor = LinearRegression()

#Fitting model_with_trainig_data
```





Predict House Price	
Number of Rooms	
Area (in square feet)	
House Age	
Predict	
House price should be \$ 44344.56	