## Report

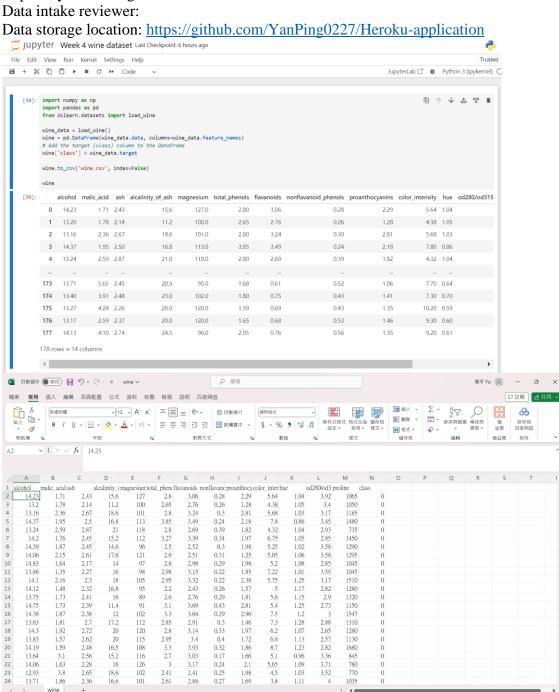
Name: Week 5: Cloud and API deployment

Report date: 03/13/2024 Internship Batch: LISUM30

Version:1.0

就緒 🐻 🖒 協助工具: 無法使用

Report by: Yan-Ping Yu Data intake reviewer:



```
Spyder (Python 3.10)
<u>File Edit Search Source Run Debug Consoles Projects Tools View Help</u>
C:\Users\User\Desktop\Data Glacier Internship\Week4\model classification.py
model classification.py X Week4_Flask.py X
   1 import pandas as pd
     import pickle
     dataset = pd.read_csv('wine.csv')
  8 X = dataset.iloc[:, :13]
  9 y = dataset.iloc[:, -1]
  from sklearn.ensemble import RandomForestClassifier
  12 rf = RandomForestClassifier()
 15 rf.fit(X, y)
     # Saving model to disk
  pickle.dump(rf, open('model_classfication.pkl','wb'))
Spyder (Python 3.10)
C:\Users\User\Desktop\Data Glacier Internship\Week4\html_week4.html
model classification.py X html_week4.html X Week4_Flask.py X
  1 <!DOCTYPE html>
   <html >
    <meta charset="UTF-8">
<title>ML API</title>
 12 </head>
 14 <body>
15 <div class="login">
      <h1>Classify Wine</h1>
      <button type="submit" class="btn btn-primary btn-block btn-large">Predict</button>
      </form
      {{ prediction_text }}
    44 </body>
45 </html>
```

