

Week_4 — python app.py — 113×51

```
(base) Jakes-MBP-3:week_4 rosselgart$ python model.py
(base) Jakes-MBP-3:week_4 rosselgart$ python app.py
* Serving Flask app "app" (lazy loading)
* Environment: production
  WARNING: This is a development server. Do not use it in a production deployment.
  Use a production WSGI server instead.
* Debug mode: off
* Running on http://127.0.0.1:5000/ (Press CTRL+C to quit)
```

Project

Templates

.DS_Storeindex.html

index.html

1<!DOCTYPE html>

2<html >

3<head>

4<meta charset="UTF-8">

5<title>ML API</title>

6<link href='https://fonts.googleapis.com/css?family=Pacifico' rel='stylesheet' type='text/css'>

7<link href='https://fonts.googleapis.com/css?family=Arimo' rel='stylesheet' type='text/css'>

8<link href='https://fonts.googleapis.com/css?family=Hind:300' rel='stylesheet' type='text/css'>

9<link href='https://fonts.googleapis.com/css?family=Open+Sans+Condensed:300' rel='stylesheet' type='text/css'>

10<link rel="stylesheet" href="{{ url_for('static', filename='css/style.css') }}">

11

12</head>

13

14<body>

15<div class="login">

16<h1>Who's Sales Day Would You Like To See?</h1>

17<h2>(Steven, Mike, Andi, Paul) on (Mon, Tue, Wed, Thu, Fri, Total)</h2>

18

19

20<!-- Main Input For Receiving Query to our ML -->

21<form action="{{ url_for('sales') }}" method="post">

22<input type="text" name="who" placeholder="Person" required="required" />

23<input type="text" name="day" placeholder="Day" required="required" />

24

25<button type="submit" class="btn btn-primary btn-block btn-large">Sales</button>

26</form>

27

28

29

30{{sales_week}}

31</div>

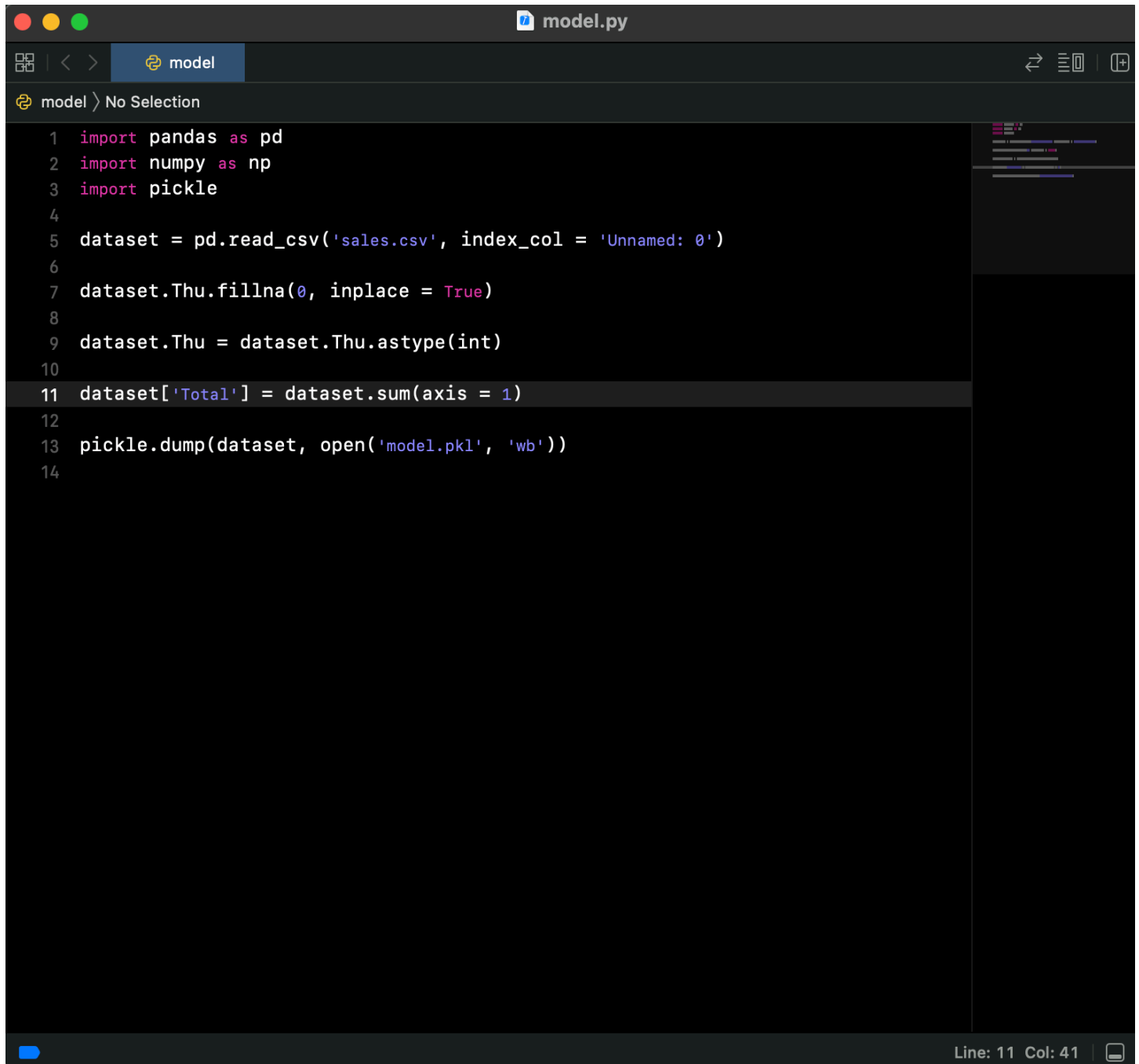
32</body>

33</html>

34

index.html 21:55

LF UTF-8 HTML changes Pull 2 GitHub Git (18)



```
1 import pandas as pd
2 import numpy as np
3 import pickle
4
5 dataset = pd.read_csv('sales.csv', index_col = 'Unnamed: 0')
6
7 dataset.Thu.fillna(0, inplace = True)
8
9 dataset.Thu = dataset.Thu.astype(int)
10
11 dataset['Total'] = dataset.sum(axis = 1)
12
13 pickle.dump(dataset, open('model.pkl', 'wb'))
14
```

Line: 11 Col: 41

```
1 from flask import Flask, request, render_template
2 import pickle
3
4 app = Flask(__name__)
5 model = pickle.load(open('model.pkl', 'rb'))
6
7 @app.route('/')
8 def home():
9     return render_template('index.html')
10
11 @app.route('/sales', methods=['Post'])
12 def sales():
13     Person = request.form.get('who')
14     Day = request.form.get('day')
15     return render_template('index.html', sales_week = "{}'s Sales for {} are:
        {}".format(Person, Day, model.loc[Person, Day]))
16
17
18 app.run(port=5000)
19
```



Who's Sales Day Would You Like To See?

(Steven, Mike, Andi, Paul) on (Mon, Tue, Wed, Thu, Fri, Total)

Steven's Sales for Wed are: 15



Who's Sales Day Would You Like To See?

(Steven, Mike, Andi, Paul) on (Mon, Tue, Wed, Thu, Fri, Total)

Mike	Wed	Sales
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Steven's Sales for Wed are: 15



Who's Sales Day Would You Like To See?

(Steven, Mike, Andi, Paul) on (Mon, Tue, Wed, Thu, Fri, Total)

Mike's Sales for Wed are: 74