

Deployment toy dataset

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<> view.html

style.css

app.py



app.py

```
1 from flask import *
2 import pandas as pd
3 app = Flask(__name__)
4
5 @app.route("/tables")
6 def show_tables():
7     data = pd.read_excel('toy_datadase.csv')
8     data.set_index(['Name'], inplace=True)
9     data.index.name=None
10    females = data.loc[data.Gender=='f']
11    males = data.loc[data.Gender=='m']
12    return render_template('view.html',tables=[females.to_html(classes='female'), males.to_html(classes='male')],
13        titles = ['na', 'Female surfers', 'Male surfers'])
14
15 if __name__ == "__main__":
16     app.run(debug=True)
```

<> view.html

style.css



app.py

style.css > tr: hover

```
1 body
2 { font-family: "Lucida Sans Unicode", "Lucida Grande", sans-serif;}
3 a, h1, h2
4 { color: #377ba8; }
5 h1, h2{ margin: 0; }
6 h1{ border-bottom: 2px solid #eee; }
7 h2{ font-size: 1.2em; }
8
9 table.dataframe, .dataframe th, .dataframe td {
10     border: none;
11     border-bottom: 1px solid #C8C8C8;
12     border-collapse: collapse;
13     text-align:left;
14     padding: 10px;
15     margin-bottom: 40px;
16     font-size: 0.9em;
17 }
18
19 .male th {
20     background-color: #add8e6;
21     color: white;
22 }
23
24 .female th {
25     background-color: #77dd77;
26     color: white;
27 }
28
29 tr:nth-child(odd){
30     background-color: #eee; }
31 tr:nth-child(even){
32     background-color: #fff; }
33
34 tr: hover {
35     background-color: #ffff99;}
```

view.html × # style.css app.py

view.html > div.page

```
1 <!doctype html>
2 <title>Simple tables</title>
3 <link rel=stylesheet type=text/css href="{{ url_for('static', filename='style.css') }}">
4 <div class=page>
5     <h1>Surfer groups</h1>
6     {% for table in tables %}
7         <h2>{{titles[loop.index]}}</h2>
8         {{ table|safe }}
9     {% endfor %}
10 </div>
```