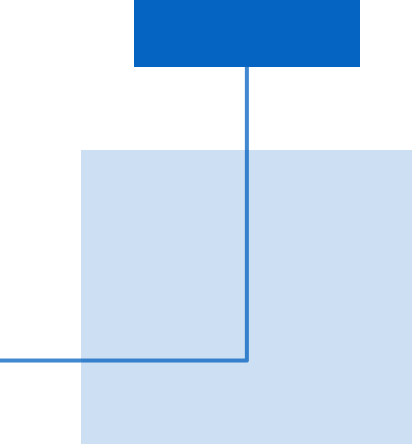
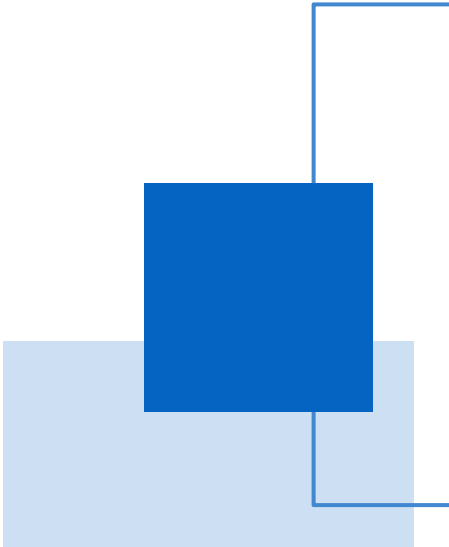


数据可视化 实践课06



1

jQuery UI的使用



练习1-1

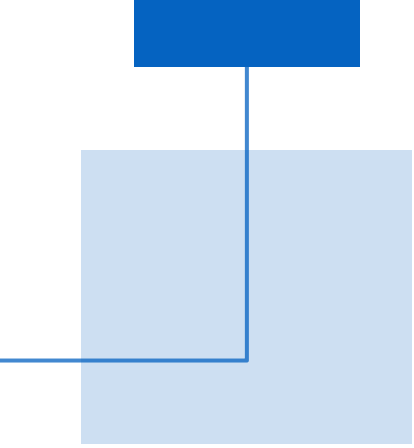
- 熟悉jQueryUI的使用
- 实现点击1个按钮，显示对话框
 - 参考代码
 - <https://jqueryui.com/button/>
 - <https://jqueryui.com/dialog/>
- 通过如下方式调用某个ui: `$("#name")`



练习1-2

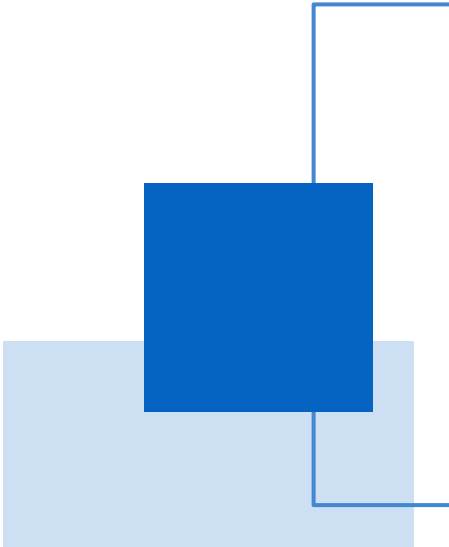
- 尝试将按钮及其他UI组件嵌入到已有代码框架中显示
 - 06_ui_example





2

Flask的使用





A Minimal Application

A minimal Flask application looks something like this:

```
from flask import Flask
app = Flask(__name__)

@app.route('/')
def hello_world():
    return 'Hello, World!'
```

练习2-1

- 为Python安装Flask库
 - `pip install Flask`
 - 可通过国内源加快安装速度：`pip install Flask -i https://pypi.mirrors.ustc.edu.cn/simple/`
- 执行06_flask_minimal_app里的app.py，运行<http://localhost:9990>，观察结果

A Minimal Application

A minimal Flask application looks something like this:

```
from flask import Flask
app = Flask(__name__)

@app.route('/')
def hello_world():
    return 'Hello, World!'
```

练习2-2

- 执行 06_flask_example里的app.py，运行http://localhost:8001，观察结果
- 实现立方体体积计算的前后端代码，点击Test后从后端返回立方体的体积
 - 前端：选择或输入立方体的长、宽、高
 - 后端：计算立方体体积
- 立方体的体积可通过浏览器控制台或UI界面显示