



```
1 import pandas
2 import urllib.request
3
4 def main(url):
5     with urllib.request.urlopen(url) as f:
6         data = pandas.read_excel(f)
7         outdata = getDataFromSheet(data)
8     return outdata
~
```

```
1 def getDataFromSheet(dataFrame):
2     outdata = pandas.DataFrame({'車両相互': [0, 0, 0],
3                                 '人对車両': [0, 0, 0],
4                                 '車両单独': [0, 0, 0],
5                                 '列車': [0, 0, 0]},
6                                 index=['軽傷', '重傷', '死亡'])
7     for index, ser in dataFrame.iterrows():
8         c = ser.get('事故内容')
9         s = ser.get('事故類型')
10        v = outdata[s][c]
11        v += 1
12        outdata[s][c] = v
13
14    return outdata
~
```

```
1 url='https://ckan.open-governmentdata.org/dataset/' ¥
2 +'b1b1dbba-12b9-4a30-a80c-2d8abec5598c/resource/' ¥
3 +'c0362010-afe5-41e3-a6e7-492d80917de7/download/h29.1-12.xlsx'
4 outdata = main(url)
5 outdata.to_excel('output.xlsx')
~
```

保存しました

