# I/O

## 文件读取

### 文本文件

Import pandas as pd

data01 = pd.read\_csv(r‘route’, skiprows = 2, sep = ‘,’, skipfooter =3, converter = (‘id’:str), encoding = ‘utf-8’, thousands = ‘&’, header = None, names = [‘id’,’year’,’mouth’,’income’], usecols = [‘id’, ‘income’]

### Excel

Import pandas as pd

data01 = pd.read\_excel(r‘route’, skiprows = 2, sep = ‘,’, skipfooter =3, converter = (‘id’:str), encoding = ‘utf-8’, thousands = ‘&’, header = None, names = [‘id’,’year’,’mouth’,’income’], usecols = [‘id’, ‘income’]

# 代码