

## 切分时间序列数据

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- `import numpy as np`
- `import pandas as pd`
- `import matplotlib.pyplot as plt`
- `from Chapter08.convert_to_timeseries import convert_data_to_timeseries`
- `''' 功能作用 : 切分时间序列数据 '''`
- `# 输入数据文件`
- `input_file = 'data_timeseries.txt'`
- `# 加载输入数据文件`
- `column_num = 2`
- `data_timeseries = convert_data_to_timeseries(input_file, column_num)`
- `# 定义画图的起始和结束年份 ----给定的起始年份和终止年份之间的数据`
- `start = '2008'`
- `end = '2015'``plt.figure()`
- `data_timeseries[start:end].plot()`
- `plt.title('Data from ' + start + ' to ' + end)`
- `plt.show()`
- `# 定义画图的月份范围 -----给定月份范围内切分数据`
- `start = '2007-2'`
- `end = '2007-11'``# 画出数据plt.figure()`
- `data_timeseries[start:end].plot()`
- `plt.title('Data from ' + start + ' to ' + end)`
- `plt.show()`