population-v1

July 30, 2021

```
[6]: import matplotlib.pyplot as plt
     import csv
```

```
[7]: data: [] = list()
     data = csv.reader(open('./data/202106_202106_population.csv', 'rt',
      ↪encoding='UTF-8'))
     next(data)
     data = list(data)
```

```
[8]: # print([i for i in data])
```

```
[12]: arr = []
      [arr.append(int(j)) for i in data if ' ' in i[0] for j in i[3:]]
      print([i for i in arr])
```

```
[16, 8, 11, 21, 13, 28, 19, 25, 24, 19, 22, 12, 10, 19, 22, 12, 14, 11, 30, 31,
45, 85, 73, 70, 81, 70, 65, 77, 89, 86, 79, 79, 71, 66, 68, 53, 65, 53, 67, 51,
60, 46, 50, 45, 46, 40, 44, 49, 49, 62, 51, 49, 70, 69, 60, 59, 62, 50, 64, 54,
70, 80, 74, 53, 57, 72, 68, 56, 44, 41, 37, 38, 43, 40, 34, 27, 29, 30, 41, 35,
32, 28, 22, 18, 17, 14, 23, 18, 11, 6, 6, 10, 9, 11, 4, 0, 2, 6, 2, 1, 9]
```

```
[11]: plt.style.use('ggplot')
      plt.plot(arr)
```

```
[11]: [<matplotlib.lines.Line2D at 0x7fb3dba8ea30>]
```