Population-01

July 30, 2021

```python
[1]: import csv
     import matplotlib.pyplot as plt
     import numpy
```

```python
[2]: data = csv.reader(open('./data/202106_202106_    _ .csv', encoding='utf-8'))
     next(data)
     data = list(data)
```

```python
[4]: for i in data:
         if ' 1 ' in i[0]:
             arr = numpy.array(i[3:], dtype=int) / int(i[2].replace(',', ''))
```

```python
[5]: plt.title('Population-01')
     plt.style.use('ggplot')
     plt.plot(arr)
```

```
[5]: [<matplotlib.lines.Line2D at 0x7f894b04ad00>]
```