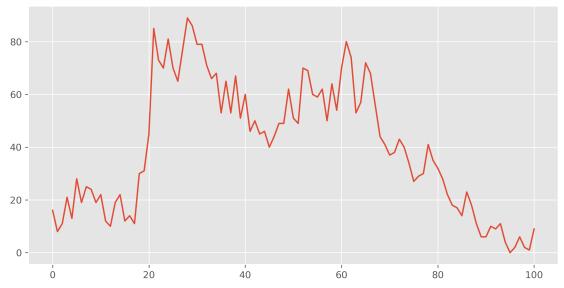
population_T

July 30, 2021



```
[62]: mn = 1
      home = []
      result = 0
      for i in data:
          if name in i[0]:
              home = np.array(i[3:], dtype=int)/int(i[2])
      for i in data:
          away = np.array(i[3:], dtype=int) / int(i[2])
          s = np.sum((home - away) ** 2)
          if s < mn and name not in i[0]:</pre>
              mn = s
              result_name = i[0]
              result = away
      plt.style.use('ggplot')
      plt.figure(figsize=(10, 5), dpi=300)
      plt.title('similar_two_cities')
      plt.plot(home, label='a')
      plt.plot(away, label='b')
      plt.show()
```

<ipython-input-62-864dff8263ff>:8: RuntimeWarning: invalid value encountered in
true_divide

away = np.array(i[3:], dtype=int) / int(i[2])

