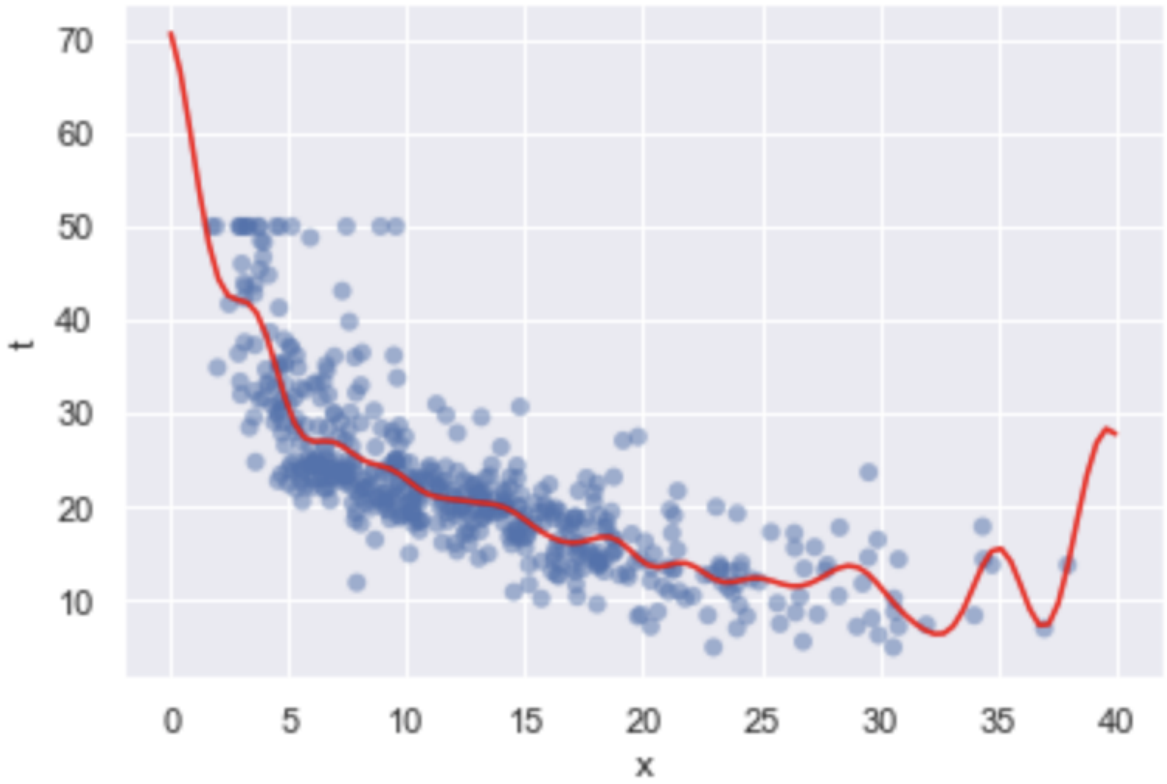
Sample results week 9

1.1) Compute the kernel gram matrix

```
# 5 first samples
gram_matrix(x[:5], sigma=2)
```

```
array([[1.        , 0.11495667, 0.89331814, 0.59440166, 0.98480414],
       [0.11495667, 1.        , 0.03823467, 0.0081887 , 0.16291731],
       [0.89331814, 0.03823467, 1.        , 0.86198923, 0.80957165],
       [0.59440166, 0.0081887 , 0.86198923, 1.        , 0.48967543],
       [0.98480414, 0.16291731, 0.80957165, 0.48967543, 1.        ]])
```

1.3) Plot the (x_new, t_new)-pairs on top of the original data


70
60
50
40
30
20
10
t
0
5
10
15
20
25
30
35
40
x