

H:\Uni\WiSe 2024\ML\Exercises\2\Task1.py

```
1 import numpy as np
2
3 x = np.array([[1,1] , [2,1], [3,1]])
4 y = np.array([3,4,6])
5 theta = np.zeros(2)
6
7 x_t = np.transpose(x)
8 a = x_t@x
9 b = x_t@y
10
11 solution = np.linalg.solve(a, b)
12 print(solution)
13
14
```