

Exercise 1 (Homework). K-Nearest Neighbor with numeric attributes

Consider the dataset given below where *years_experience* is the only attribute and *salary* is the class. What will be the prediction for the new example *years_experience*=5 using 1-Nearest-Neighbor and 3-Nearest-Neighbor with Manhattan distance?

	years_experience	salary
1	4	low
2	9	medium
3	8	medium
4	15	high
5	20	high
6	7	medium
7	12	medium
8	23	medium
9	1	low
10	16	medium

1-Nearest-Neighbour: low

3-Nearest-Neighbour: medium