COMPSCI 762 2022 S1 Week 5 Questions – Regression & Preprocessing

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Question 1

Consider a time series data as the following:

1. Use the least square method to determine the equation of line of best fit for the data. Then plot the line.

2. Given a new data point $X = 9$, what is the predicted value of Y?

X	8	3	2	10	11	3	6	5
Y	4	12	1	12	9	4	9	6