

COMPSCI 762 2022 S1 Week 5 Questions – Regression Preprocessing

Luke Chang

March 17, 2022

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