Introduction to Data Science

Assignment 9

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Error of simple data with X1: 36.28919635460621
Error of simple data with X1X2: 36.27068964545689
Error of complex data with X1: 67.15940945440116
Error of complex data with X1X2: 36.27469748309896

Error is the least in case of complex data using only x1 features, whereas, complex data using x1 and x2 features give the more error.
Hence, complex data with X1 feature is best choice. Moreover, complex data with X1 and X2 features depicts the overfitting due to high error rate.