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Hw8 Report

Part 1:

Chart, scatter chart

Description automatically generated

This is just the formatted scatter plot for the data. See the code for more information.

Essay:

The input command will generate an improper text if give an invalid filename, which will cause xlsread to have an error at runtime. A covariance is the product of two variables over the product of their means, so a covariance of 1 means that all of the values would be equal to the product of their average values to the ½ power. The numerator of the goodness equation being 0 would indicate that the best fit line is a perfect fit for the dataset.