

Evaluating a Linear Regression Model

“Take a look at the linear regression below. It shows a relationship between the number of clients at Pig E. Bank and the number of alerts for fraudulent activity at the bank. Describe the relationship between these two variables. Based on the results, how would you assess the fitness of this model in predicting alert volume based on the number of clients?”¹

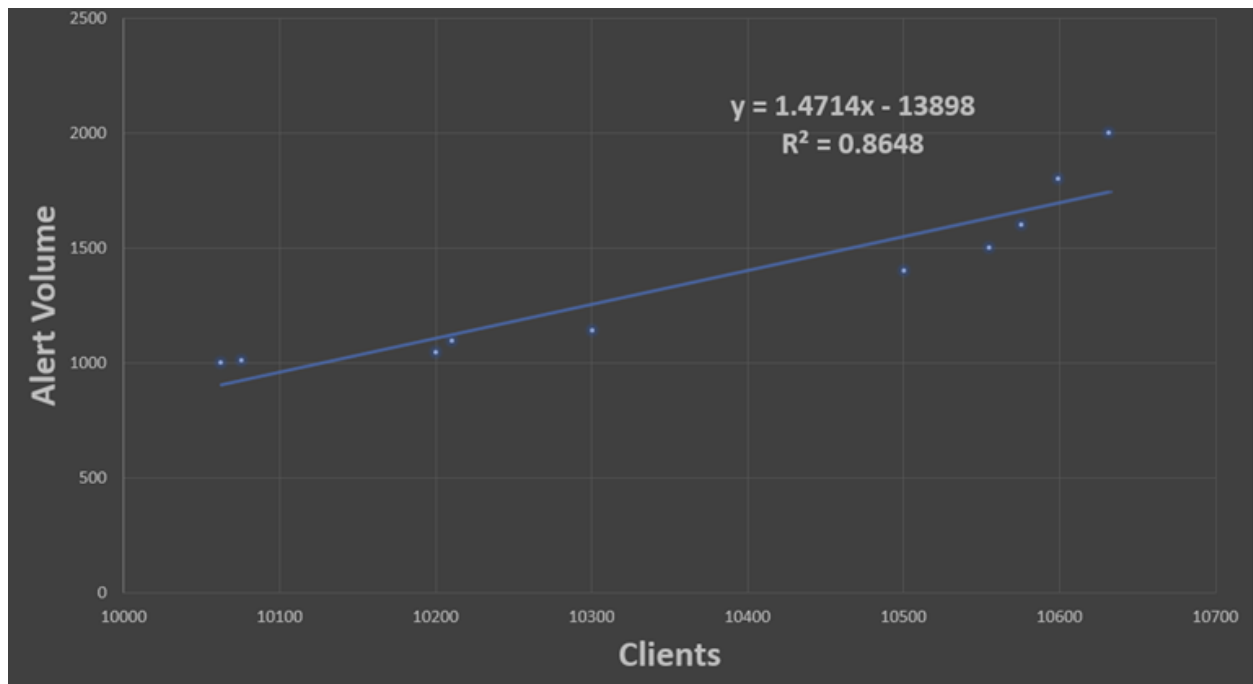


Image created by CareerFoundry.

The relationship between these two variables is strong. Before implementing this model, I would recommend incorporating more data points to ensure accuracy. Right now, this model is just based on 10 points, so it may not be very fit for the prediction.

¹ Problem created by CareerFoundry.