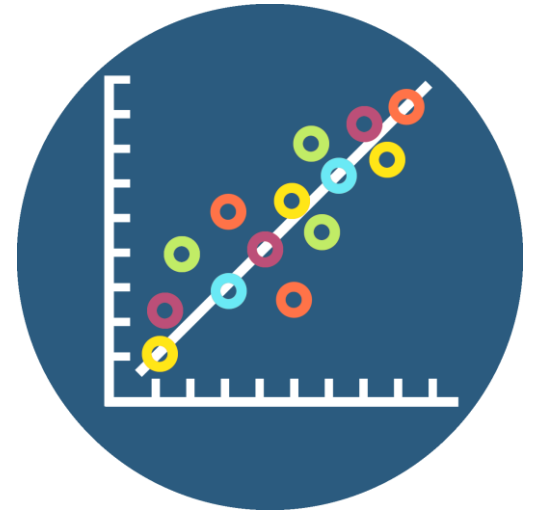


Siddhardhan

Correlation & Causation

Math for Machine Learning



Correlation & Causation



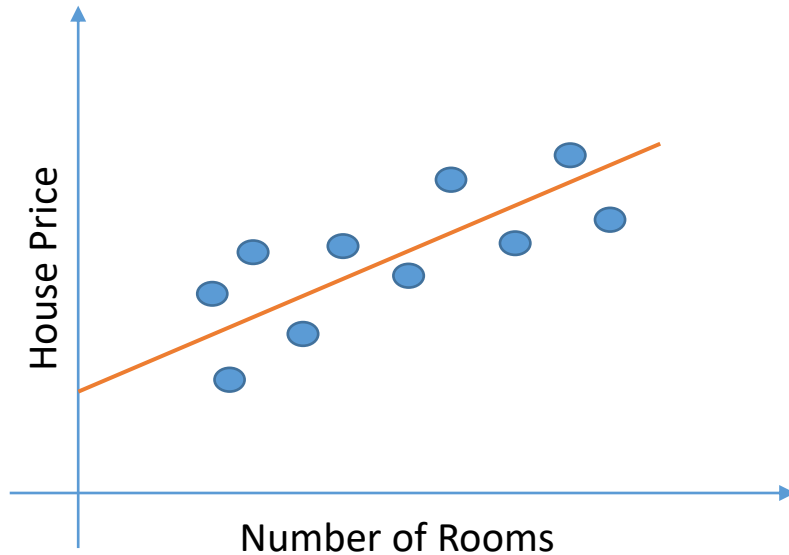
Relationship between the features in a Dataset

Correlation

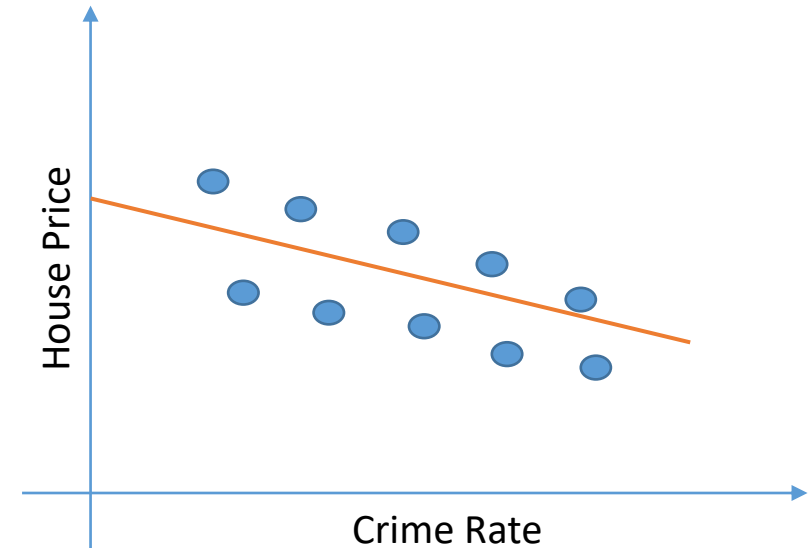
Correlation is a measure that determines the extent to which two variables are related to each other in a dataset. But it doesn't mean that one event is the cause of the other event.



Positive Correlation



Negative Correlation



Causation

In statistics, Causation means that one event causes another event to occur. Thus, there is a cause and effect relationship between the two variables in a dataset.

