# Linear Regression

## Intuition

Graphical user interface

Description automatically generated with medium confidenceDiagram

Description automatically generatedChart

Description automatically generated

Chart, line chart

Description automatically generatedChart, scatter chart

Description automatically generatedChart, scatter chart

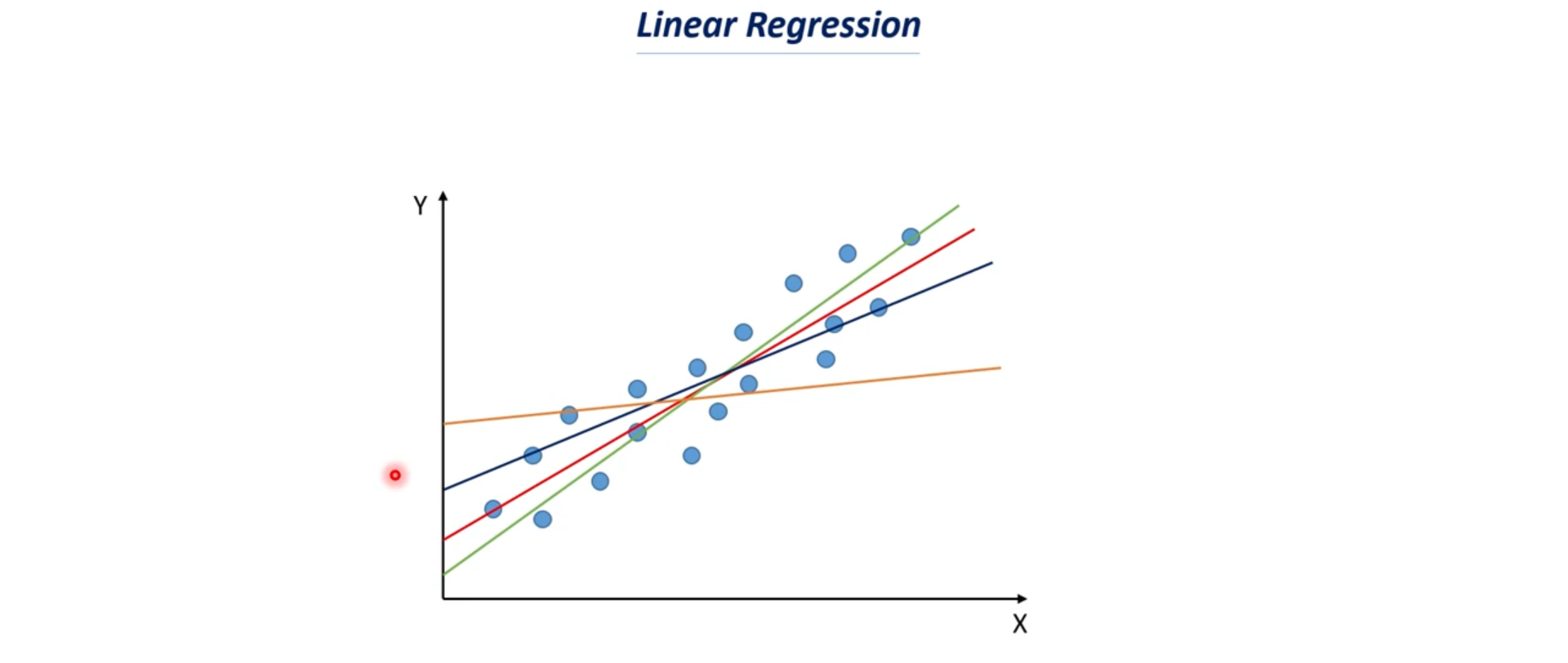
Description automatically generated

Chart

Description automatically generated

## Linear Regression – Mathematical Understanding

Text

Description automatically generated with medium confidenceText

Description automatically generatedChart, scatter chart

Description automatically generatedTable

Description automatically generatedChart, scatter chart

Description automatically generated

## Gradient Decent for Linear Regression

Diagram

Description automatically generatedGraphical user interface, text, application

Description automatically generatedA picture containing text, device

Description automatically generatedChart, scatter chart

Description automatically generatedChart

Description automatically generated with medium confidence

Chart

Description automatically generated with low confidenceText

Description automatically generatedLetter

Description automatically generated with medium confidence