**Linear Regression on Potato Sales Data**

The function learned as Blue Curve on Scattered red points of Data Set is given as,

![A screenshot of a cell phone

Description automatically generated]()

**The Slope and Intercept of this curve is given as,**

* Slope: [ 8.1470663]
* Intercept: 1831.67436405

**The Root mean Square Error is given as,**

* Root mean squared error: 1047793.74645

**The R2 score is given as,**

* R2 score: -0.165206222603

**The Sample of test Data Comparison is given as panda data frame below,**

**![A close up of text on a white background

Description automatically generated]()**

**The graph is given as,**

**A screenshot of a cell phone

Description automatically generated**

**The Train Data Comparison is given below,**

**![A close up of text on a white background

Description automatically generated]()**

**-----------------------------------------------------The End---------------------------------------------------------------------------**