Special observations:

1)Dataset:

* Initially we had 1,80,352 rows which included all states in the United States but we have only included hospitals in the mid-west states.
* #We have noticed that one column provider ID has few values which float values
* There are a lot of null values in the dataset.

2) We have observed a negative correlation between patient experience scores and readmission rates, indicating that hospitals with better patient experiences tend to have lower readmission rates.

Chart, scatter chart

Description automatically generated

3)When we plotted training data against train data using linear regression model, we have noticed a linear line which means model is a good fit for the data.

Chart, line chart

Description automatically generated