Big Mountain Resort:

fastEight has missing values, Adultweekday has more missing more records than AdultWeekend.After finding null values will be replaces with 0 or 999 but not with genuine values. So, there are two Crystal Mountain resorts, but they are clearly two different resorts in two different states. This is a signal that we have unique records on each row. Just over 82% of resorts have no missing ticket price, 3% are missing one value, and 14% are missing both. Records with no price information will be dropped. There may still be useful information about the distributions of other features in that 14% of the data.

New York comes top in the number of resorts in market.

State

Colorado 43682.0

Utah 30508.0

California 25948.0

Montana 21410.0

Idaho 16396.0

As per assumption New York state should have more resorts

But not that and Colorado has more resorts. Rest are some reached the expectations, and some does not.

Big Mountain Resort modelled price is $85.45, actual price is $81.00.

Even with the expected mean absolute error of $10.07, this suggests there is room for an increase.

Big Mountain is doing well for vertical drop, but there are still quite a few resorts with a greater drop. Big Mountain is very high up the league table of snow making area.

Most resorts have no fast quads. Big Mountain has 3, which puts it high up that league table. There are some values much higher, but they are rare. Big Mountain compares well for the number of runs. There are some resorts with more, but not many.

We are trying to fit model data using all available data. We are not estimating model performance based one the previous data. So, Big Mountain data should be a good fit. This project is making everyone understand about adjusting price of Big Mountain Resort. : we want to train a model to predict Big Mountain's ticket price based on data from all the other resorts! We don't want Big Mountain's current price to bias this. We want to calculate a price based only on its competitors.