**Documentation**

**EDA**

* The dataset was noisy and had missing values. But these concerns were handled.

Chart, histogram

Description automatically generated

* In the initial EDA, we can see in the above plot, New York state has most number of resorts followed by Michigan and Colorado

Table

Description automatically generated

* Also, it should be noted that Colorado had the most expensive ticket for both weekend and weekday. Followed by Utah and Vermont.
* ‘Adult weekend’ is being used as the target here for the model.

**Recommendations**

* In order to support the new chairlift installed at Big Mountain a ticket price increase was suggested.
* A price increase from the current $81 to $94.22 will allow the revenue to remain untouched while absorbing the cost for the additional equipment.
* Also, it should be noted that closing the runs will not yield in higher revenue generation.

![Chart, line chart

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