Guided Capstone Project Report

**Features Review**

Features that came up as important in the modeling (not just our final, random forest model) included:

* vertical\_drop
* Snow Making\_ac
* total\_chairs
* fastQuads
* Runs
* LongestRun\_mi
* trams
* SkiableTerrain\_ac

**Findings**

Big Mountain Resort modelled price is $95.87, actual price is $81.00.

Even with the expected mean absolute error of $10.39, this suggests there is room for an increase.

Across their market, they have a mid-range price. However, for Montana resorts they are already the highest priced resort.

Chart, histogram

Description automatically generated

Chart, bar chart

Description automatically generated

**Recommendations**

I recommend reviewing facilities for Montana resorts specifically. The data is small, but we can predict the price for all Montana resorts to determine if they are over or under prices. We can also compare facilities for Montana resorts and determine if BMR have a better offering to justify increasing prices.