

Introduction

Using a dataset on Ski Resort facilities across the United States, we have designed a model that accurately predicted what a typical Ski pass ticket price would be. Using our model, we find that Big Mountain could significantly increase their bottom line by implementing more in the areas of adding more vertical drop, some runs, and chairs.

?graph?

In the following figures we show Big Mountain Resort is a top performer in amount of facilities offered among resorts nationally and within their state of Montana.

Results

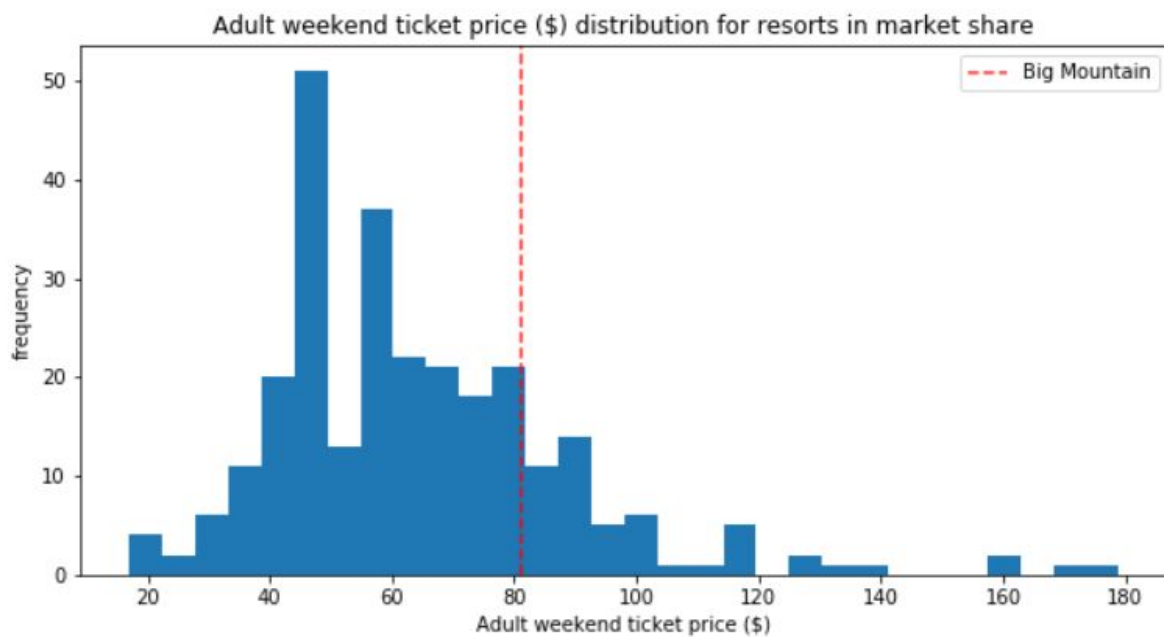


Figure 1. Adult weekend ticket price nationally

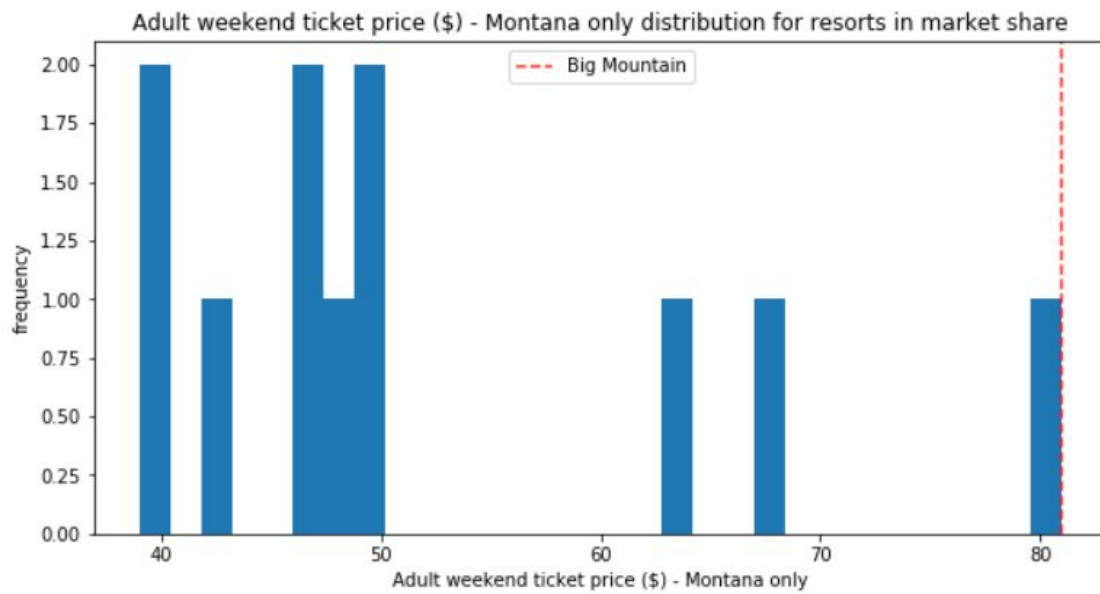


Figure 2. Adult weekend ticket price in Montana

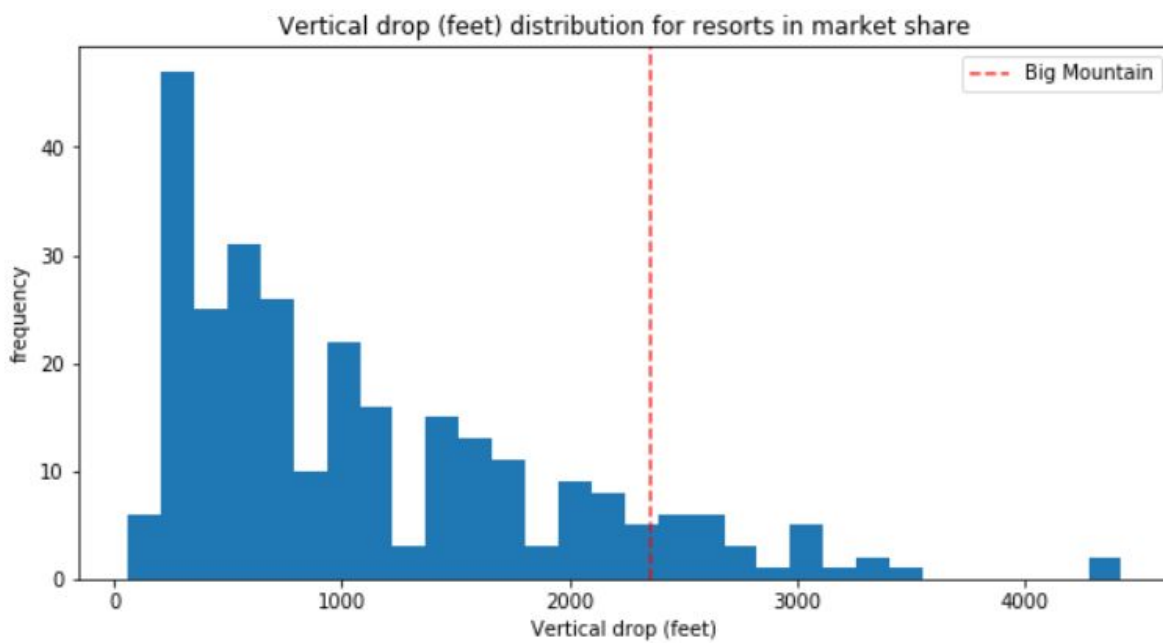


Figure 3. Vertical drop

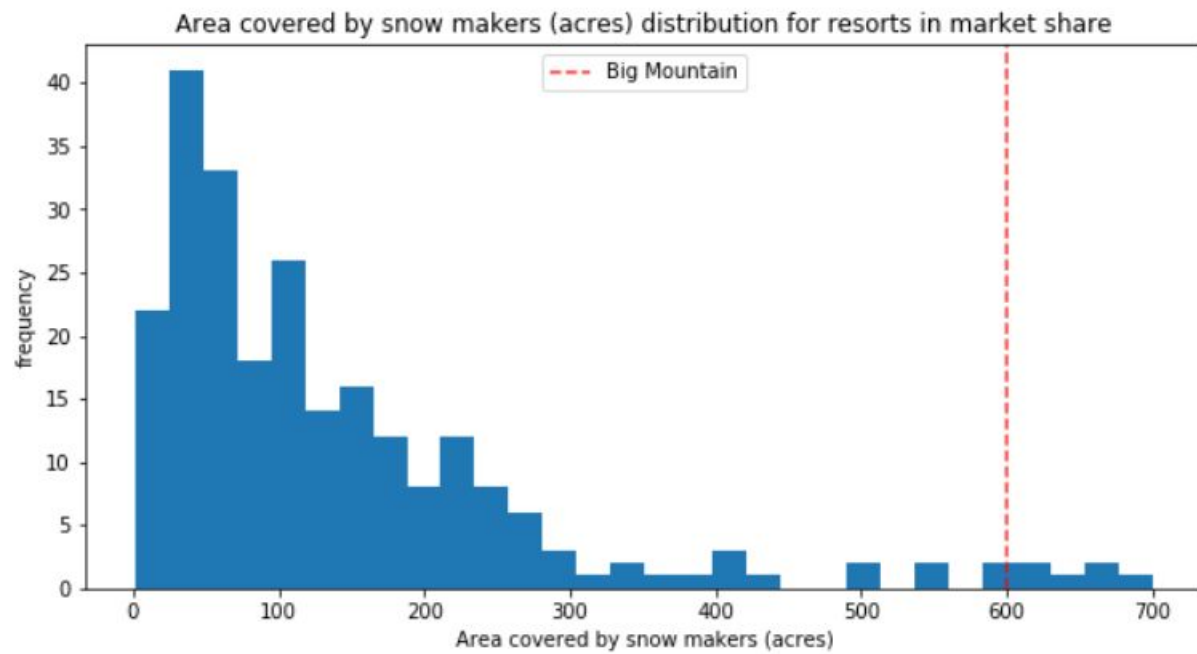


Figure 4. Area covered by snow makers

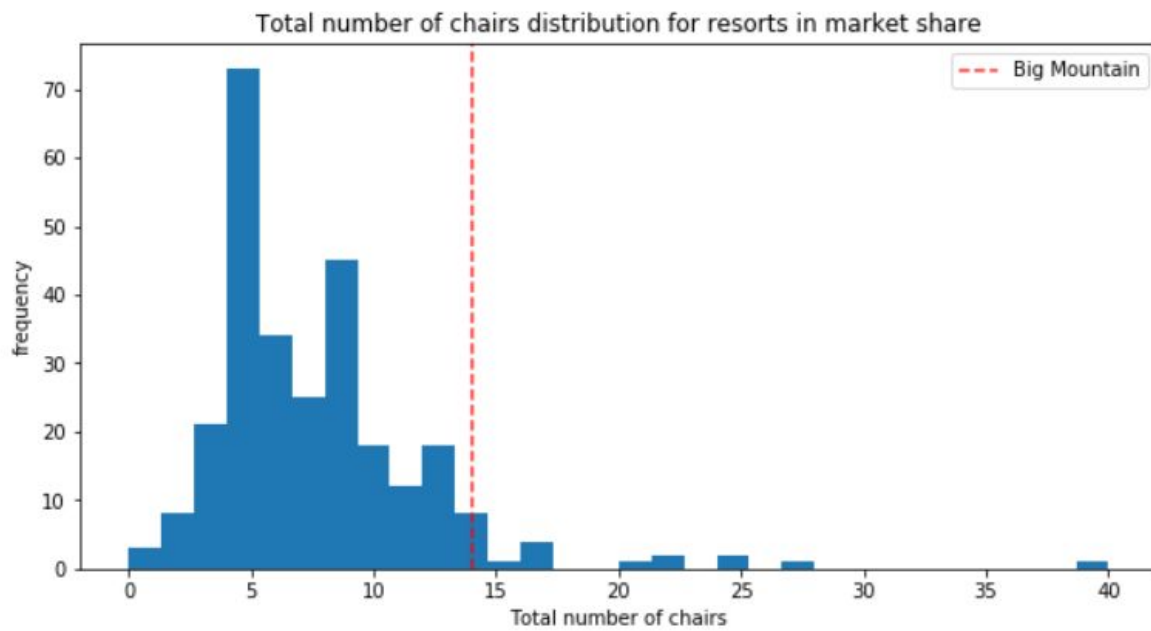


Figure 5. Total number of chairs

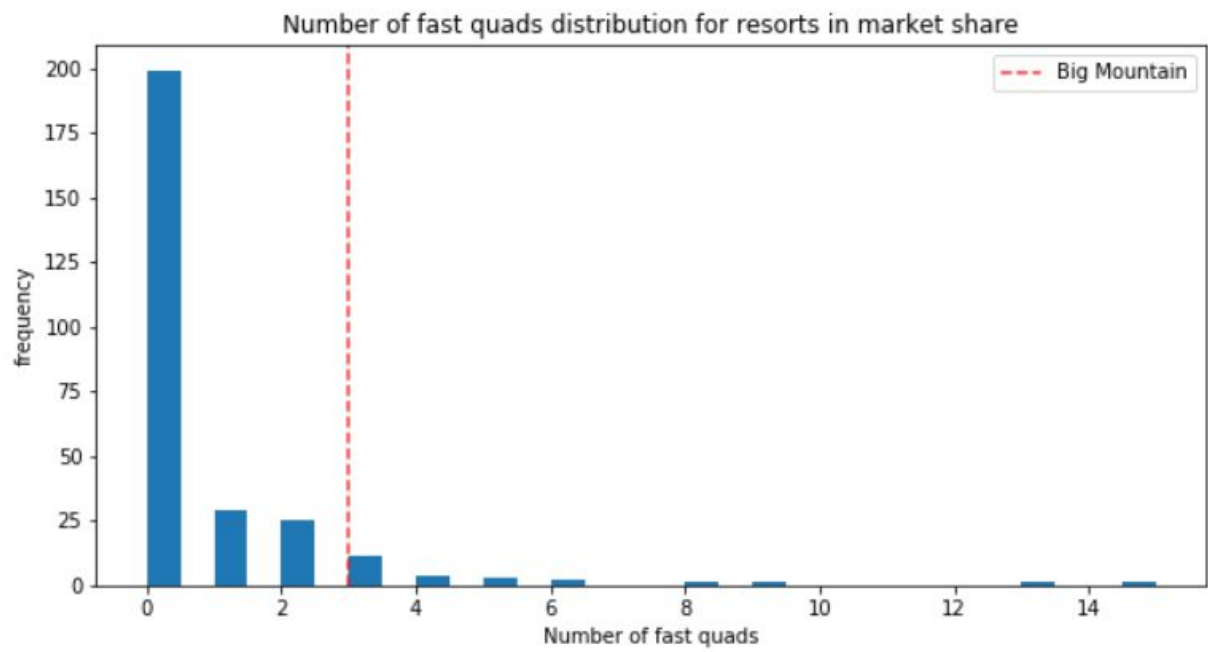


Figure 6. Number of fast quads

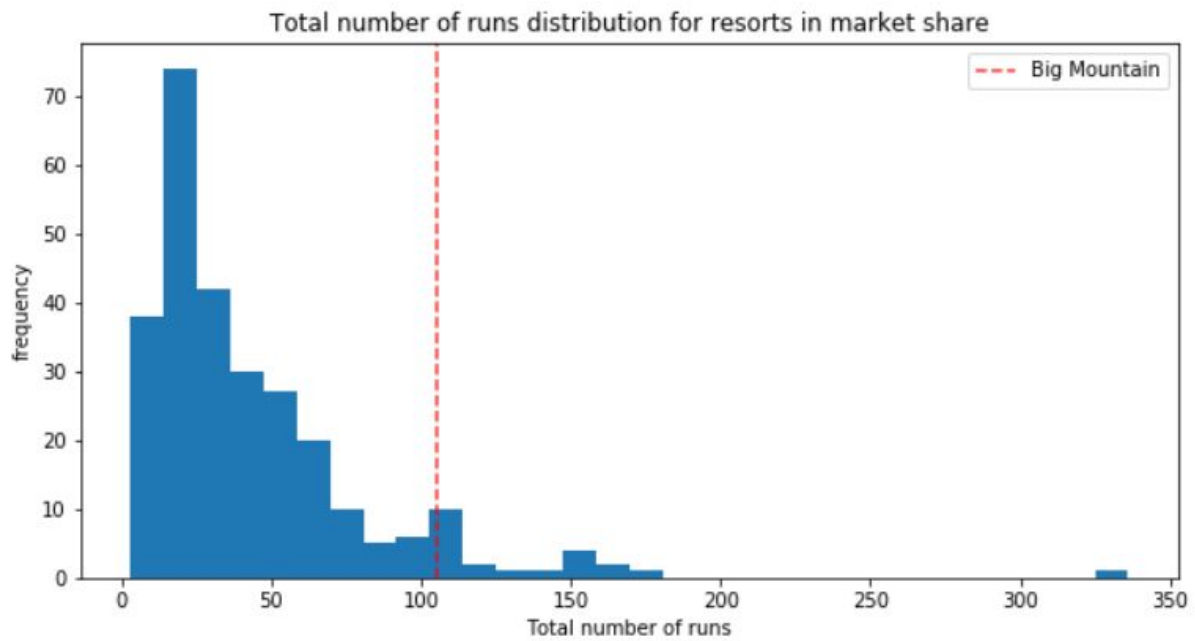


Figure 7. Total number of runs

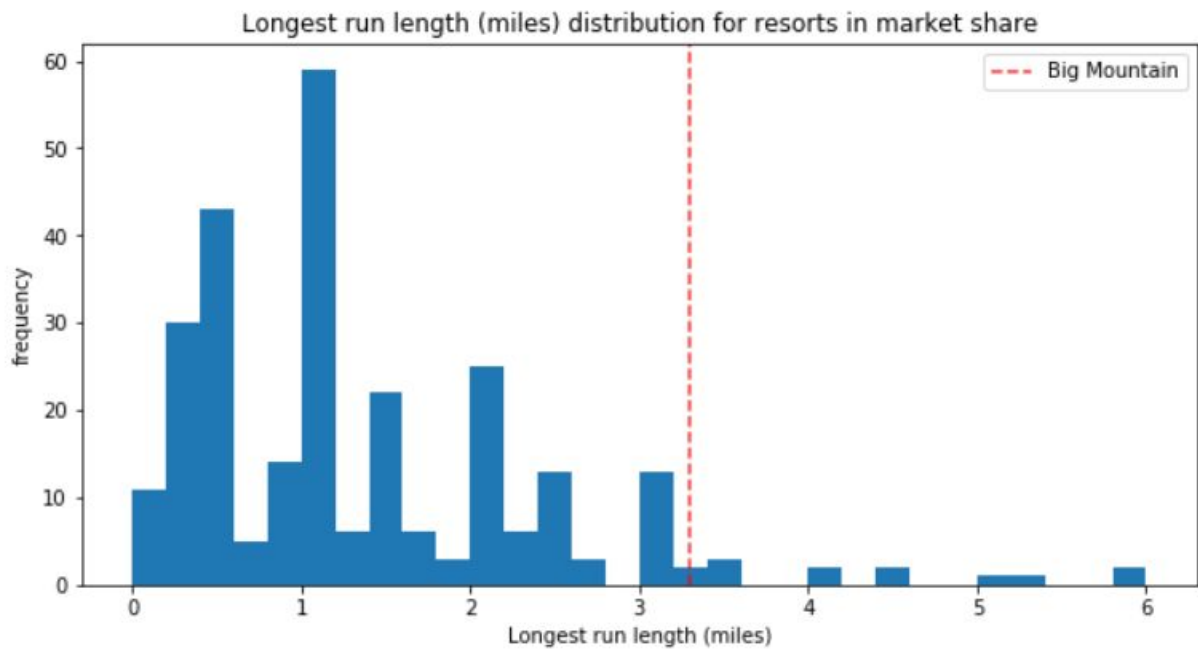


Figure 8. Longest run length

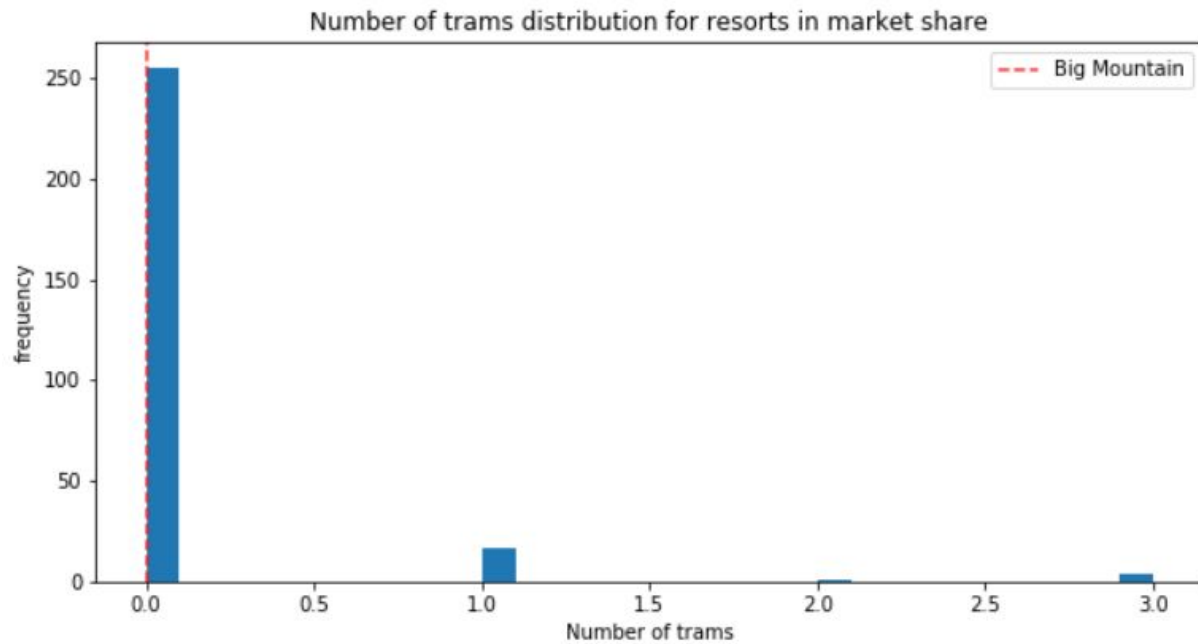


Figure 9. Number of trams

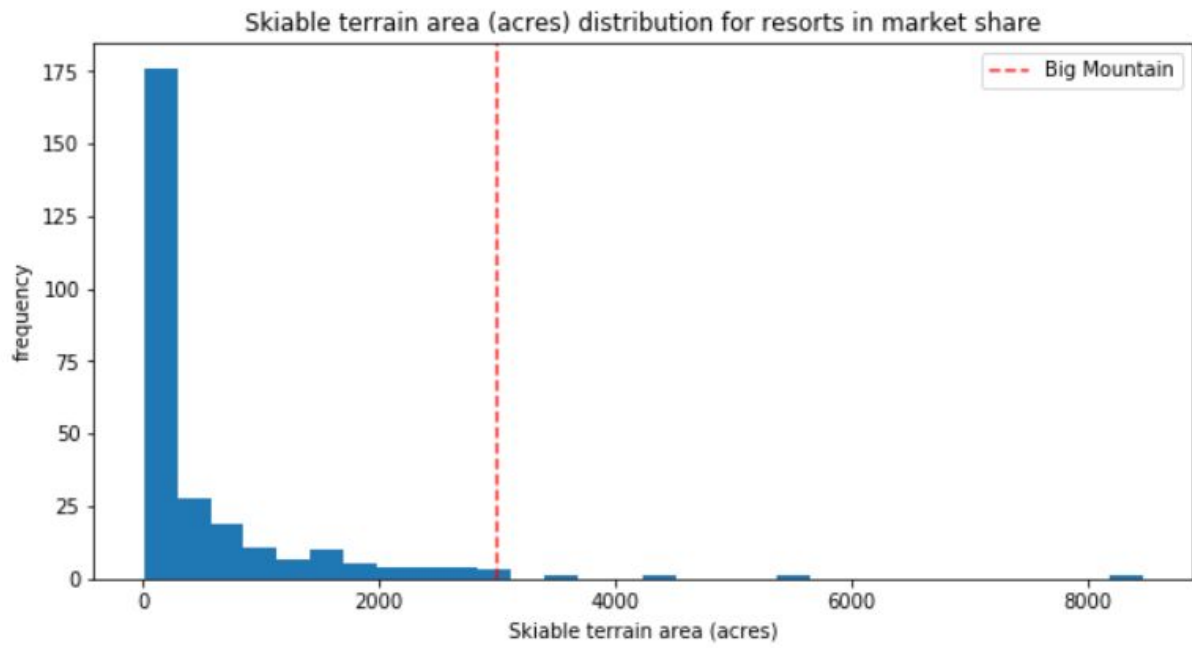


Figure 10. Skiable terrain area

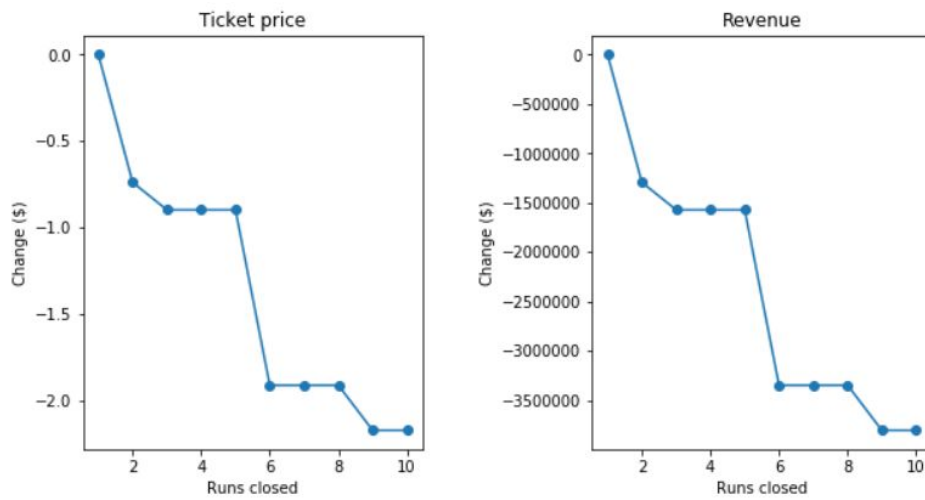


Figure 11.

Conclusion

What you need to know is these are the opportunities.

we designed and trained a model and got some results and this is what you need to know about those results and what to do with them