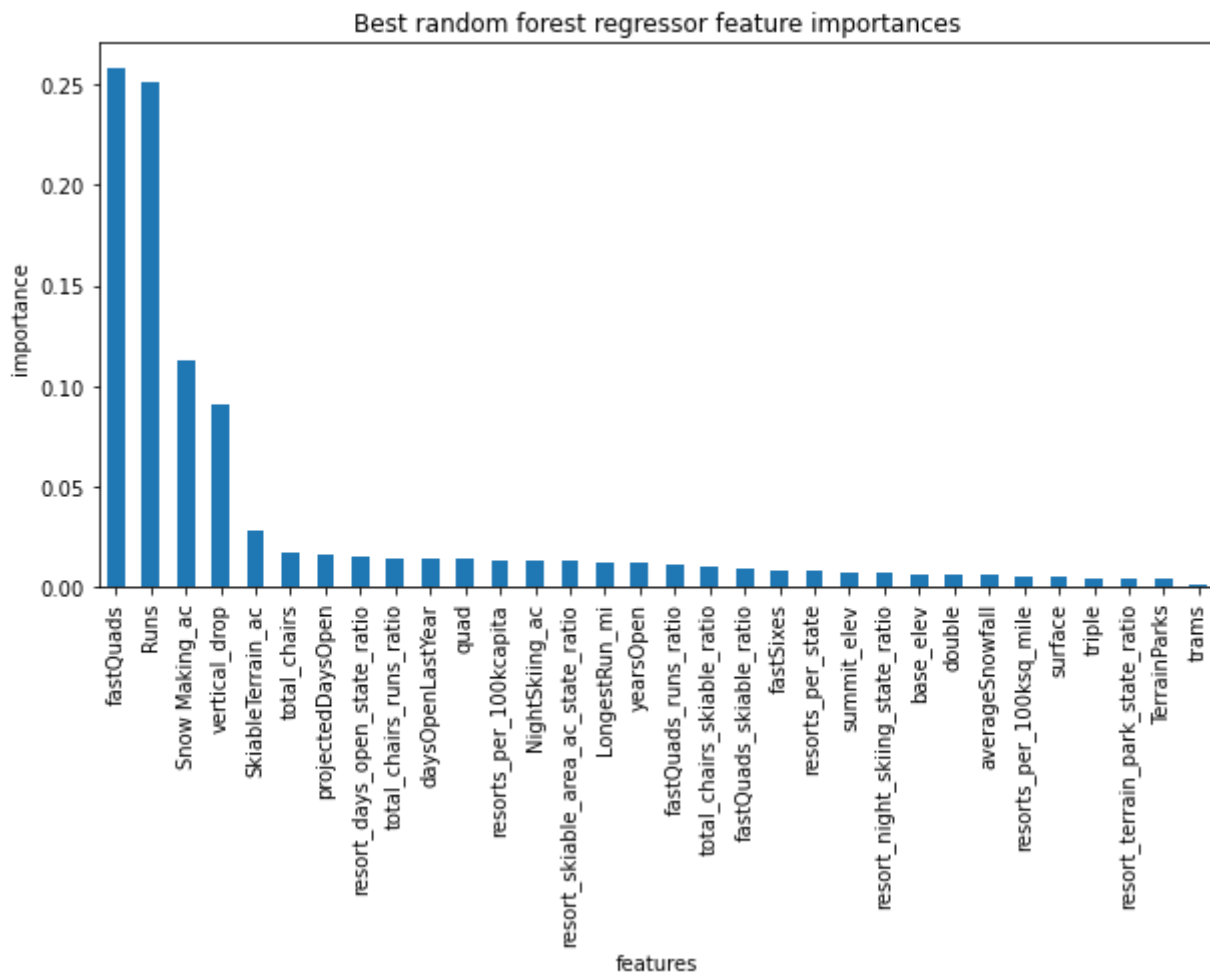# Big Mountain Resort
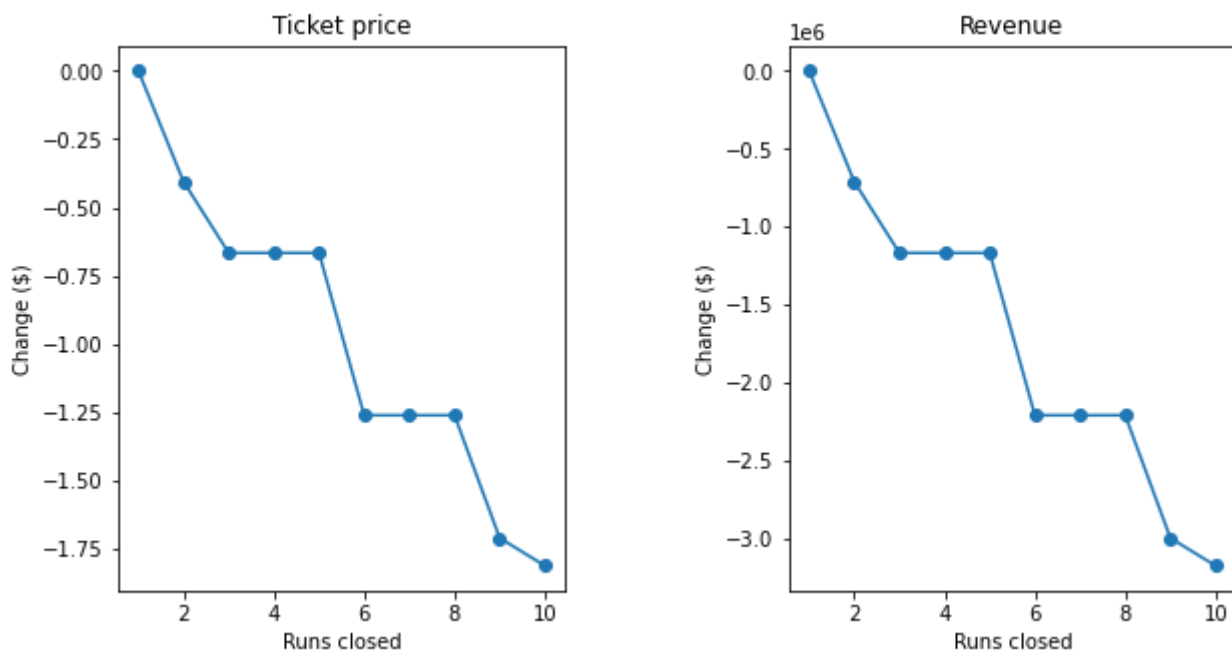
Recommendations for Big Mountain Resort

Focus on

1) The number of four persons chairs
2) Count of the number of runs on the resorts
3) Total area covered by snow making machines in acres
4) Vertical change in elevation from the summit to the base in feet;
5) Sum of all chairlifts at the resorts

Best random forest regressor feature importances

Probably the additional information of total Revenue would help but otherwise data is quite complete

Close one runs

The model says closing one run makes no difference. Closing 2 and 3 successively reduces support for ticket price and so revenue. If Big Mountain closes down 3 runs, it seems they may as well close down 4 or 5 as there's no further loss in ticket price. Increasing the closures down to 6 or more leads to a large drop.