Zach Makki

Intro to Data Science

Homework #1 Problem #2

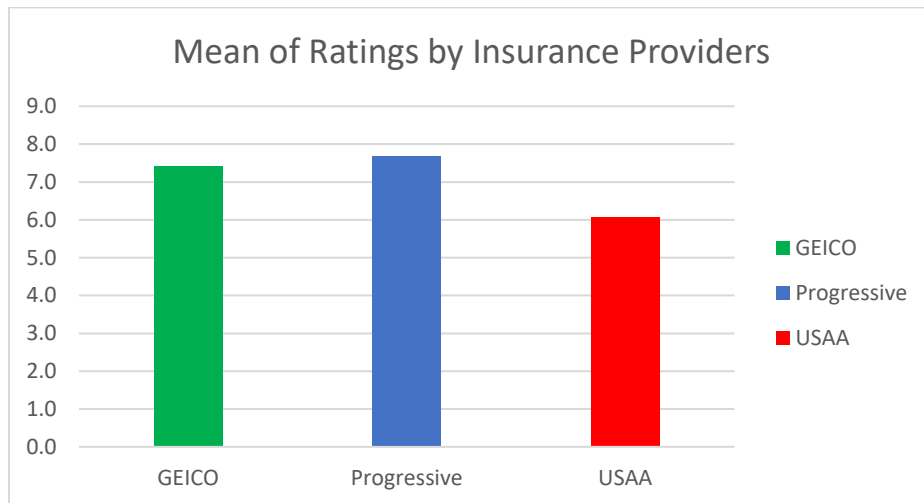01/27/2021

1. Project Purpose

Determine which Insurance Provider is the best choice from the data available.
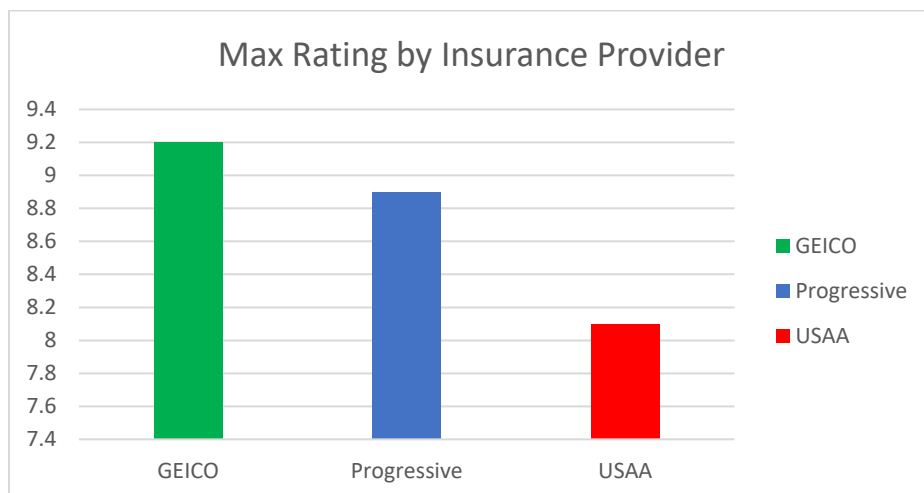
2. Methodology

To examine the data in excel bar charts were created displaying the mean, max, min, and sum of weight by feed. A data table displaying min, max, and mean of weight by feed was also created.
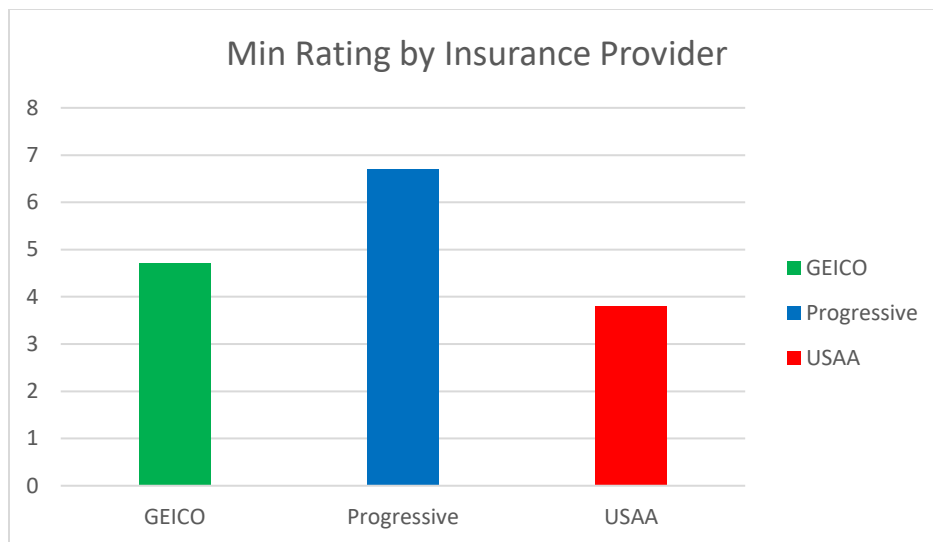
3. Data

Mean of Ratings by Insurance Providers Bar Graph:

Maximum Rating by Insurance Provider Bar Graph:

Minimum Rating by Insurance Provider Bar Graph:

Min Rating by Insurance Provider

Insurance Providers ▾	Max of Rating	Min of Rating	Average of Rating	Sum of Rating
GEICO	9.2	4.7	7.4	22.2
Progressive	8.9	6.7	7.7	23
USAA	8.1	3.8	6.1	18.2
Grand Total	9.2	3.8	7.0	63.4

Minimum, Maximum, Mean of Ratings by Insurance Provider Table:

4. Conclusions

Based on the data presented below Progressive is the best of the three insurance providers examined. While GEICO had a higher max rating, Progressive had a higher mean and a higher min rating. GECIO is the clear second choice if Progressive is not available.