Cloud Computing Final Project

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Team Name: HLS8

Provide a short write-up on how your project is looking to answer the **two questions**listed below.  (No more than 200 words) (2 points)

1. For the first question, the course of action we decided to take was grabbing three years’ worth of data (2018-2020) and deciphering a pattern from the change in data. This data can be accessed after logging in, reaching the homepage, and proceeding towards ‘question1’. To show the trend in spending across consumers, this table presents to the total sum of spending in each year. The lowest spending was in 2018, the spending nearly tripled in 2019, then dropped off again in 2020.
2. Our thought process for this question was to see links between people and their relationship to other individuals in their household, whether that be their spouse, a child, or nobody, and their loyalty to the store. The idea was to see the effectiveness of having bonds with other people, and what group of individuals should be catered too. As a result, we gathered all the loyal customers based on their marital status and their home composition. Within home composition, there was a category for single males and females, we’ve grouped that under the ‘One Adult’ category. The correlation between the household composition and their loyalty points into the direction that people who are not single report to be more loyal.

Use Agile development methodology for development effort and provide a short write-up on

* + What worked?
  + What did not?
  + What improvements can be made?

(No more than 200 words). Google search “Agile Retrospective” for information.  (2 points)

Agile methodology is great for keeping everyone accountable and on track for what needs to be completed. Unfortunately for our group, we weren’t the most organized or most team-oriented group. In retrospect, implementing SCRUM ideologies would’ve fixed a lot of our issues. As for what worked, our lead was very strong in daily updates to the git repository. What didn’t end up working was finding a regularly scheduled time to meet and discuss next steps/expectations. Overall, the deliverables were completed, but the strain on members wasn't evenly distributed, and that could’ve been fixed had there been better communication between members.