

Person	Contributions List	% of projects total contributions
Toby Clark	Wrote data_analysis.py, created figures for confidence, lift, support, sales by day, hour, item, time of day, weekend vs weekday, top 10 of each day and month, a histogram of transaction size, and transaction percent by day and month. Managed and organized the repository to hold the project. Created the discord to communicate about the project. Wrote and presented the technical approach section of the powerpoint. Edited the presentation. Wrote a portion of the technical approach section of the final paper. Wrote the readme and steps to reproduce section in the final paper.	
John Kendall	Committed Section #1/6 (Introduction) of the presentation in github on-time by 4/13. Committed Pages 1-2 of the final paper in github on-time by 4/25. Presented in the presentation.	
Joshua Burk	Created and presented the Data Mining Tasks section for the project presentation and wrote the Data Mining Tasks section of the final paper.	
Joan Njenga	Wrote the reproduced algorithms part of the final presentation and presented it. Worked on part 4 of the final report and provided a simple guide on part 4b which contributed to the seasonal analysis partially. Edited and put together the final paper contributions into the final report.	
Ryan Luders	Created and presented the Evaluation Methodology section for the project presentation. Also edited slides for consistency in presentation and added titles for everybody.	
Cornelius Peck	Wrote seasonal_analysis.py, created bar chart figures of the top 10 popular item groupings of every season both for	

	pre-normalized and normalized data. Wrote the latter half of the technical approach section describing the Naive Bayes and Decision Tree classifiers used for seasonal analysis as well as the attempt at normalization. Wrote the seasonal analysis results section describing the findings from seasonal analysis and how normalization did not improve the results of the decision tree classifier.	