

My Contributions to the Project

#1

Title of my project: Video Game Industry Analysis

Members of my team: Kevin Farragher

Name of my team: Video Game Industry Analyzers

#2

Kevin Farragher Role: Data Detective/Visualizer - Processed, cleaned, massaged & organized data to perform statistical data analysis and summary statistics on the dataset. Visualized summary statistics using a variety of different graphs/plots. Clustered the data and performed Decision Tree Analysis on the dataset.

Kevin Farragher Role: Data Interaction App Developer - Developed a Shiny Web App for user interaction with the dataset.

#3

I made all contributions to my project, since I was the only member of my group. I processed, cleaned, massaged & organized data to perform statistical data analysis and summary statistics on the dataset. I used descriptive statistics (dplyr) to perform data wrangling and find interesting summary statistics between the attributes of my dataset, displaying them using tables. I used visualization (ggplot2) to visualize the interesting summary statistics between the attributes of my dataset using graphs, plots, etc. I used kmeans clustering to cluster similar video games together. I used Decision Tree Analysis (rpart, rpart.plot) to predict whether a video game's Global sales is Low or High by building a classification model using Decision Tree Analysis. I developed a Shiny Web App for user interaction with the dataset.

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