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Heroes of Pymoli

Performing a data analysis on a video game, such as the one called “Heroes of Pymoli”, will give game developers meaningful insights on statistics such as game popularity, age and gender demographics, and purchasing data. After collecting, grouping, sorting, and tabling all of the game’s purchasing data as provided in the purchase\_data.csv file, one can find some valuable observable trends based on the data. Of the 576 total players, “Heroes of Pymoli” is a male-dominated video game (a whopping 84.03% or 484 male players) geared towards the young adult audience, or specifically, the age group between 20-24 (44.79% or 258 players). Not surprisingly, the 20-24 age group provides close to 50% of the game’s revenue, so the focus group should cater to the young adult audience in order to be profitable. It is also good to note that the most popular and profitable item in the game is Item ID #178, the “Oathbreaker, Last Hope of the Breaking Storm”, with 12 purchases and a total value of $50.76.