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Pandas-Challenge: Heroes of Pymoli

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Heroes of Pymoli Observation

There are numerous conclusions that could be made about the Heroes of Pymoli challenge based on the collected data. Here are a few examples:

- I. Gender Demographics Trend:
 - a. Based on the gender players and total number of players (576), we can conclude that majority of the players are male at 84.03% compared to 14.06% of females and 1.91% of other/non-disclosed.
 - b. Since males are the top contributors, we can also conclude that they have the highest total purchase value at nearly \$1,968 but the lowest average per person at \$4.07. Whereas other/non-disclosed had the lowest total at \$50.19 but highest average per person with \$4.56
- II. Age Demographics Trend:
 - a. Majority of the players are between 20 and 24 years old, making up a total of 258 players at 18.58%. They also contribute the highest purchase count at 365 a total purchase value of \$1,114.06.
 - b. The least number of players were 40+ years old with a total of 12 players at 2.08% of total players. They also had the least about of purchases with 13 count making a total of \$38.24.
- III. Items Trend:
 - a. When comparing the most popular items we can determine that Final Critic had the highest purchase count and was the most profitable with total value at \$59.99.
 - b. We can also conclude that Final Critic, Oathbreaker (Last Hope of the Breaking Storm) and Fiery Glass Cruader are the most profitable items and are also 3 of the top 5 most popular items.