Homework #4 Pandas Challenge Kaylin McLeod

**Heroes of Pymoli**

1. One observable trend illustrated by the data is that while male players made over 5 times the amount of purchases as female players, there is a less than 10% difference between the average purchase total per person between male players and female players respectively.
2. The total count of players grow rapidly until they peak at the 20-24 age range then begin to steadily decline at the 25-29 age range and continue falling as the players get older. If this trend were mapped, it would form a parabola that concaves downward wherein the 25-29 age range would constitute the peak.
3. The purchase count and average total purchase closely follow the trend set by the total count of players per age range in that the purchase count and average total purchase both increase rapidly until the 20-24 age range then trend downward starting at the 25-29 age range.