

## Heroes Of Pymoli Data Analysis

- Of the 1163 active players, the vast majority are male (84%). There also exists, a smaller, but notable proportion of female players (14%).
  - Our peak age demographic falls between 20-24 (44.8%) with secondary groups falling between 15-19 (18.60%) and 25-29 (13.4%).
- 

### Note

- Instructions have been included for each segment. You do not have to follow them exactly, but they are included to help you think through the steps.

```
In [1]: # Dependencies and Setup
import pandas as pd
import numpy as np

# File to Load (Remember to Change These)
file_to_load = "Resources/purchase_data.csv"

# Read Purchasing File and store into Pandas data frame
purchase_data = pd.read_csv(file_to_load)
```

## Player Count

- Display the total number of players

```
In [2]: # Use the length of list of screen names "SN", for total players.
total_players = len(purchase_data["SN"].value_counts())

# Create a data frame with total players named player count
player_count = pd.DataFrame({"Total Players": [total_players]})
player_count
```

Out[2]:

Total Players	
0	576

## Purchasing Analysis (Total)