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%).

In [4]:

```python
# Dependencies and Setup. Chart and plot displays are ideal for efficient communicati
import pandas as pd
import numpy as np
import os
import matplotlib.pyplot as plt


# 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)
```

In [5]:

```python
#Checking source data with a preview of the first 5 rows.
purchase_data_df = pd.read_csv(file_to_load, low_memory=False)
purchase_data_df.head(5)
```

Out[5]:

	Purchase ID	SN	Age	Gender	Item ID	Item Name	Price
0	0	Lisim78	20	Male	108	Extraction, Quickblade Of Trembling Hands	3.53
1	1	Lisovynya38	40	Male	143	Frenzied Scimitar	1.56
2	2	Ithergue48	24	Male	92	Final Critic	4.88
3	3	Chamassasya86	24	Male	100	Blindscythe	3.27
4	4	Iskosia90	23	Male	131	Fury	1.44