### **Using purchase\_data.csv for the following questions:**

### **Player Count**

* Total Number of Players

### **Purchasing Analysis (Total)**

* Number of Unique Items
* Average Purchase Price
* Total Number of Purchases
* Total Revenue

### **Gender Demographics**

* Percentage and Count by gender (Male, Female, Other)

### **Purchasing Analysis**

* Calculate: Purchase Count, Average Price, Total Purchase Value by Gender

### **Age Demographics**

* The below each are broken into bins of 5 years (i.e. <10, 10-15, 16-20, etc.)
  + Purchase Count
  + Average Purchase Price
  + Total Purchase Value
  + Average Purchase Total per Person by Age Group
* Guide: use pandas.cut function

### **Most Popular Items**

* Identify the 5 most popular items by purchase count:
  + Item ID
  + Item Name
  + Purchase Count
  + Item Price
  + Total Purchase Value