Rocry Shopping Company

**Project Description**

Rocry Shopping Company is an e-commerce company based in Diwali, India.

The sales data has been extracted from the company’s website for your analysis.

**Project Requirement**

1. Delete the empty columns (Status and unnamed1)
2. On the **Gender** Column, Replace the M and F to Male and Female Respectively
3. On the Marital Status Column, replace 0 and 1 to Single and Married respectively

Some Orders were Unsuccessful i.e., incomplete. They are the ones with empty records in the Amount Columns.

1. Replace such empty cells with 0

Using appropriate skill get the following information

1. Total number of Customers
2. What Occupation placed the highest numbers of **Orders** and by what Sum of **Orders**
3. The Top 10 **Product\_Category** by Sum of **Amount** and the corresponding percentage of total
4. What **Age Group** of Male and Female respectively placed the highest number of **Orders**
5. What do you observe from your answer to Question 9
6. Sales by States across the Gender

df['Gender'] = df['Gender'].str.replace('F','Female')

df['Gender'] = df['Gender'].str.replace('M','Male')

df['Marital\_Status']= df['Marital\_Status'].astype(str)

df['Marital\_Status']= df['Marital\_Status'].str.replace('0','Single')

df['Amount']=df['Amount'].fillna(0)

df['Cust\_name'].nunique()

df