```python
import pandas as pd

df= pd.read_csv('/Users/ishayadav/PycharmProjects/PythonProject/dataset1.csv')

#Find the category with the highest average rating.
df.groupby('Category')['Rating'].mean()
print(df.groupby('Category')['Rating'].mean())
df.sort_values('Rating', ascending=False)

#Find the total stock available for each category.
df.groupby('Category')['Stock'].sum()
print(df.groupby('Category')['Stock'].sum())

#Discounted Price Calculation:
#Create a new column Final_Price where
# #Final_Price = Price - (Price * Discount / 100).
Final_price=df['Final_price']= df['Price']*(df['Price'] * df['Discount'] / 100)
#Find the top 3 most discounted products.
Top_3_products = Final_price.idxmax()
print(Top_3_products)


#Supplier Analysis:Find the supplier with the highest
# average price of products.
supplier_avg_price = df.groupby('Supplier')['Price'].mean()
highest_avg_supplier = supplier_avg_price.idxmax()
highest_avg_price = supplier_avg_price.max()

print(highest_avg_supplier, highest_avg_price)

#Find the total number of unique suppliers.
```