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Batch:E1

```
import pandas as pd
# Read the CSV file into a DataFrame
df = pd.read csv('/content/product sales.csv')
highest sales category = df.groupby('Category')['Sales'].sum().idxmax()
highest sales = df.groupby('Category')['Sales'].sum().max()
print ("The product category with the highest sales is",
highest sales category)
print("Total earnings from that category:", highest sales)
best product = df['Product'].loc[df['Sales'].idxmax()]
print("The product that sold the most was", best product)
highest avg price product = df.groupby('Product')['Price'].mean().idxmax()
highest avg price = df.groupby('Product')['Price'].mean().max()
print ("The product with the highest average price is",
highest avg price product)
print("Highest average price:", highest_avg_price)
categories_together = df.groupby('Product')['Category'].agg(lambda x: ',
'.join(set(x))).reset index()
print("Product Categories Often Sold Together:")
print(categories together)
```

