# OPPO E-COMINIERCE INSIGHT

## **Visitor Behavior and Session Types**

Visitor Type Distribution:

The dataset includes different visitor types: Returning Visitors, New Visitors, and Other.

Insight: Understanding the proportion of new versus returning visitors helps tailor marketing strategies. If the majority are returning visitors, it indicates good user retention, while a higher proportion of new visitors suggests effective acquisition efforts.

### **Session Type Analysis:**

Analyze the average number of pages visited (Administrative, Informational, ProductRelated) and the average duration of each type.

Insight: High engagement on ProductRelated pages compared to Administrative or Informational pages suggests users are more interested in product-related content.

#### **Conversion Rates**

**Overall Conversion Rate:** 

Calculate the overall conversion rate: percentage of sessions that led to a transaction (Revenue = TRUE).

A low conversion rate indicates potential issues with the purchase process or product offerings, while a high conversion rate reflects effective user engagement and sales strategies.

## **Conversion Rate by Visitor Type:**

Compare conversion rates between New Visitors and Returning Visitors.

Insight: If returning visitors have a significantly higher conversion rate, it might be beneficial to focus on retention strategies. Conversely, a high conversion rate among new visitors could indicate effective initial impressions and onboarding processes.

## **Bounce Rate and Exit Rate**

### **Average Bounce Rate:**

Calculate the average bounce rate across all sessions.

# OPPO E-COMMERCE RECOMMENDATION

#### Recommendations

Based on these insights, here are some recommendations:

# **Optimize Landing Pages**:

Improve landing pages to reduce bounce rates and enhance user engagement. Focus on clear calls to action and relevant content.

## **Focus on High-Value Pages**:

Invest in optimizing pages with high engagement and conversion rates. Ensure these pages are easily accessible and promoted.

## **Leverage Special Days:**

Plan marketing campaigns and promotions around special days to capitalize on increased user activity during these periods.

## **Personalize Marketing for Different Visitor Types:**

Develop personalized marketing strategies for new and returning visitors based on their behavior and conversion rates.

# **Improve Technical Performance:**

Ensure the website performs well across all popular operating systems and browsers to provide a seamless user experience.

## **Regional Marketing Strategies:**

Tailor marketing efforts based on regional performance data to boost engagement and conversions in high-performing areas and explore growth in