## **Business Insights Report**

#### 1. Revenue Concentration by Region

The analysis reveals that customers from North America contribute the highest revenue, accounting for approximately 45% of total sales. This indicates that the North American market is a key revenue driver for the business. To capitalize on this trend, the company can design targeted marketing campaigns, launch region-specific promotions, and introduce loyalty programs tailored to customer preferences in this region. Expanding the brand presence in other regions with lower contributions, such as Asia and South America, could also diversify revenue streams and reduce dependency on a single market.

# 2. Performance by Product Category

The "Electronics" category emerges as the most profitable, contributing to nearly 40% of the total transactions. Other product categories like "Apparel" and "Furniture" show moderate performance but have significant growth potential. Enhancing the product portfolio within the Electronics category by introducing trending and innovative products could attract new customers and boost sales. Additionally, running promotional campaigns, offering discounts, and bundling popular products with slower-moving inventory can increase sales across all categories. Insights suggest Electronics customers have higher average transaction values, indicating their willingness to spend more on premium products.

# 3. Customer Behavior and Acquisition Trends

Customers who signed up within the last year demonstrate higher average transaction values than older customers. This trend highlights the success of current acquisition strategies in attracting high-value customers. To sustain this momentum, the company should focus on nurturing new customers through personalized onboarding experiences, targeted email campaigns, and curated product recommendations. Retaining these high-value customers over time will require consistent engagement and tailored offers based on their shopping habits. Moreover, analyzing factors that drive higher transaction values among new customers could help replicate these strategies for older cohorts.

#### 4. Seasonal Sales Patterns

A significant seasonality pattern is observed, with transaction volumes peaking in November and December, coinciding with the holiday shopping season. This suggests that customers are more likely to make purchases during major shopping events such as Black Friday and Christmas sales. To maximize revenue during this period, the company should implement advanced inventory management to avoid stockouts, increase advertising budgets for seasonal campaigns, and offer competitive discounts. Planning logistics and supply chain operations to accommodate the higher demand during these months will ensure seamless customer experiences and drive repeat business.

## 5. Importance of Repeat Customers

Repeat customers contribute approximately 60% of the total revenue, underscoring their importance to the business. Loyal customers typically exhibit higher purchase frequencies and transaction values, making them a critical focus area for growth. Introducing loyalty programs, such as reward points, tiered membership plans, and exclusive benefits, can help retain these valuable customers. Additionally, personalized discounts based on past purchases and preferences can further enhance customer satisfaction and lifetime value. The company should also analyze factors that drive customer loyalty and apply these insights to encourage first-time buyers to make repeat purchases.