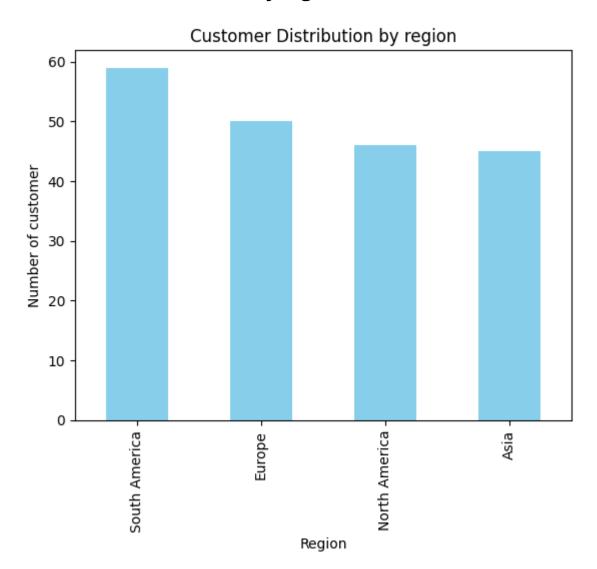
Business Insight:

1. Customer Distribution by region:



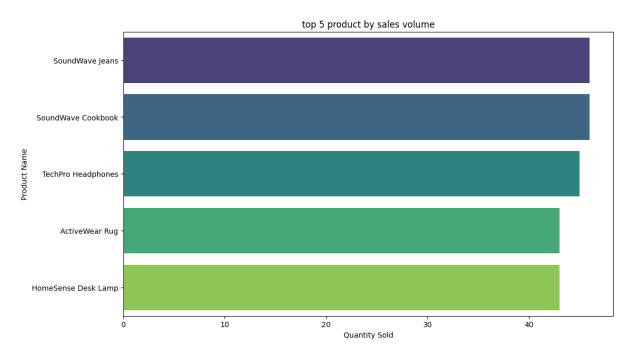
Key Findings:

Customer Distribution by Region:

• South America has the most customers (59), followed by Europe (50), North America (46), and Asia (45).

- South America Leads: South America has the highest number of customers, approximately 60. This indicates that it might be a significant market to focus on.
- Europe Follows Closely: Europe has a slightly lower count but still has a strong presence, showing its importance as a region.
- North America and Asia Are Similar: Both North America and Asia have fewer customers compared to South America and Europe, but their numbers are close, making them relatively smaller yet comparable markets.
- In order to increase the Business ,focus should be on the highly populated region i.e Asia and applying strategy to promote the product .

2.Top 5 Products by Sales Volume:



Business Insights:

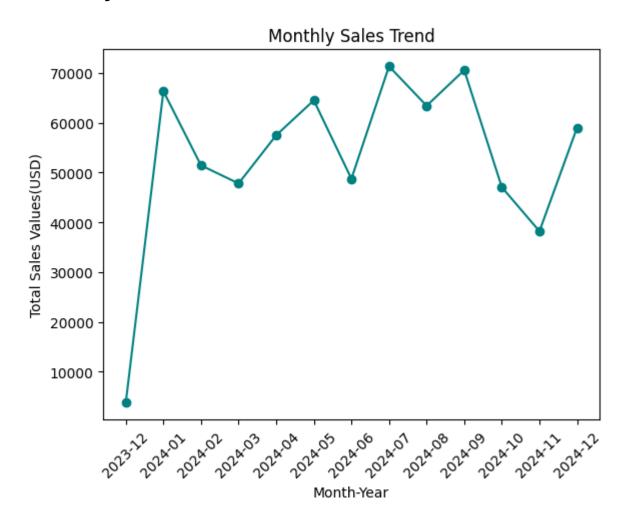
The bar chart highlights the top 5 products based on sales volume.

- SoundWave Jeans is the highest-selling product, indicating a strong customer preference, likely due to quality or trend alignment.
- 2. SoundWave Cookbook and TechPro Headphones closely follow, suggesting demand for diverse product categories like lifestyle and tech accessories.
- 3. ActiveWear Rug and HomeSense Desk Lamp perform well, showcasing interest in fitness and home essentials.

These results suggest focusing on promoting the top-performing products while analyzing factors driving their success. Cross-promotional strategies, bundling these products, or targeted marketing for similar audiences can boost sales.

Additionally, exploring customer feedback for lower-ranked products may reveal improvement opportunities for future growth.

3. Monthly Sales Trends:



Business insight:

The monthly sales trend reveals fluctuating performance throughout the year.

1. Strong Start: Sales peaked in December 2023 and January 2024, likely due to holiday shopping or seasonal promotions.

- 2. Stable Growth: From February to May 2024, sales showed steady improvement, suggesting consistent customer engagement or successful marketing efforts.
- 3. Mid-Year Peaks: Sales reached another high during July and September, which could correlate with seasonal demand or promotional campaigns.
- 4. Sharp Decline: A notable dip occurred in October and November, which may reflect decreased market activity or ineffective strategies during this period.
- 5. Recovery: December 2024 saw a strong rebound, likely driven by year-end purchases, for eg- providing offers.

4. Customer Signup Trend Over Time:



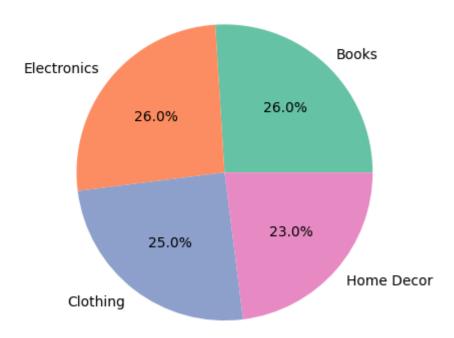
Business Insights from the Customer Signup Trend Chart:

- The chart reveals an overall positive trend in customer signups over time, peaking in August 2024.
- December 2023 had the lowest signups, likely due to the end of the year, but numbers significantly increased in January, indicating strong new-year engagement.
- The highest signup month, August, could align with summer campaigns or promotions.

- However, there is a notable dip in September and October, suggesting either reduced customer activity or less marketing focus during those months.
- The upward trend in November and December 2024 suggests seasonal promotions and end-of-year incentives successfully driving signups.
- To capitalize further, targeted campaigns in historically lower-performing months (like September and October) could help stabilize growth and ensure consistent customer acquisition throughout the year.

5. Product Category Distribution:

Product Category Distribution



Insights from the Product Category Distribution Pie Chart:

- The pie chart shows that Books and Electronics dominate the product category distribution, each accounting for 26% of sales, followed by Clothing at 25% and Home Decor at 23%.
- While the distribution appears balanced, Home Decor lags slightly, indicating an opportunity to expand this segment.

- This could involve introducing new designs, seasonal collections, or targeted promotions to attract more interest.
- The strong performance of Books and Electronics suggests high customer demand for these categories, which could be further leveraged through bundling or upselling strategies.
- Clothing, with a slightly lower share than Electronics and Books, may also benefit from personalization options or trend-based marketing.
- Diversification efforts in underperforming categories could drive growth and enhance revenue stability.