



**A2: Team Assessment**

*Three Manifold & Boston Case Study*

Chita Maharani Putri

Saichand Ghantasala

Siara Losada

Huy Tran

Business Statistics - DAT-8565 - BMBAN2

December 9<sup>th</sup>, 2023

Video Link: <https://youtu.be/YR71aHiNxL4>

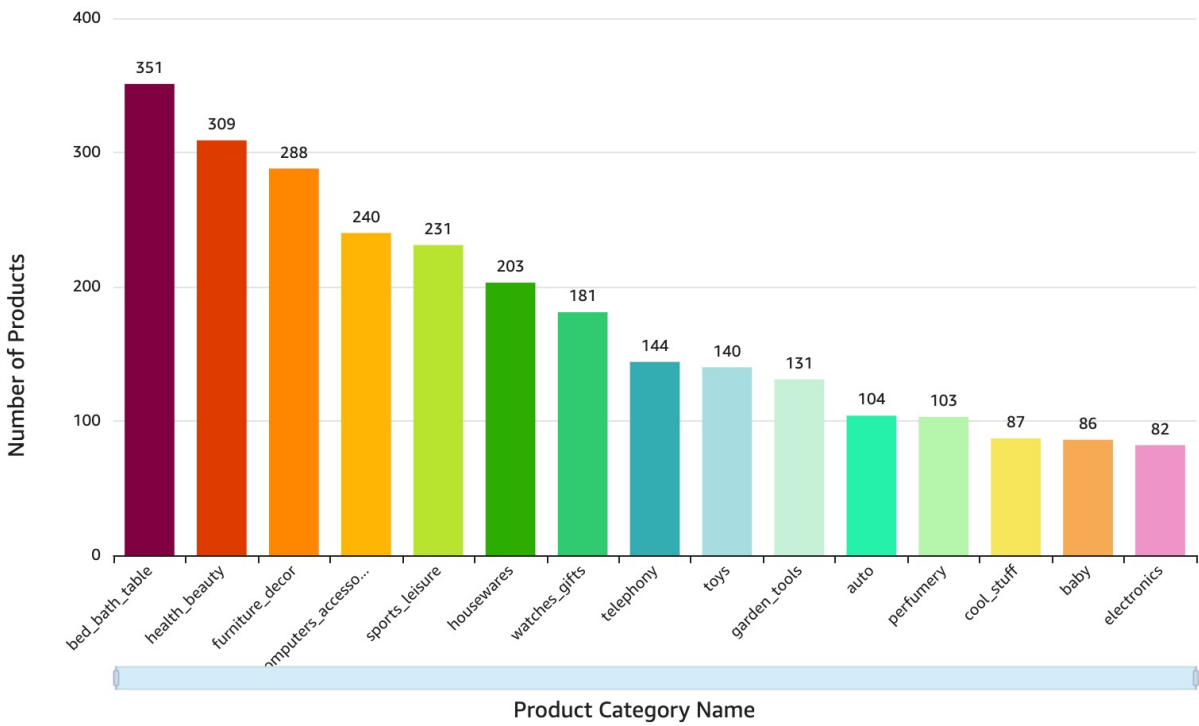
With a mission to democratize commerce and financial services for millions of individuals throughout the region, MercadoLibre is the preeminent e-commerce and financial services platform in Latin America. Established in 1999, the organization maintains a presence in more than 140 million registered consumers across 18 countries. This report examines the performance of MercadoLibre in its greatest market, Brazil, providing insights into sales trends, operational indicators, and marketing approaches.

Brazil has emerged as the largest market for MercadoLibre, as the company has amassed an estimated 50 million registered consumers, solidifying its position as the market leader. In 2016, MercadoLibre strategically established its Brazilian operations in Melicidade, the location of its headquarters in Sao Paulo, to effectively cater to the requirements of this expansive and ever-changing market, in recognition of the country's extensive geography and population diversity.

Furthermore, this financial report leverages data-driven insights and implementing best practices in marketing, operations, and sales performance are vital to ensure a successful outcome. The upcoming board meeting presents a vital opportunity to showcase accomplishments and lay a strategic roadmap for continued growth and profitability. The general manager can position the company for sustained success and exceed expectations by leveraging the right information and recommendations.

Section 1: Performance of Sales

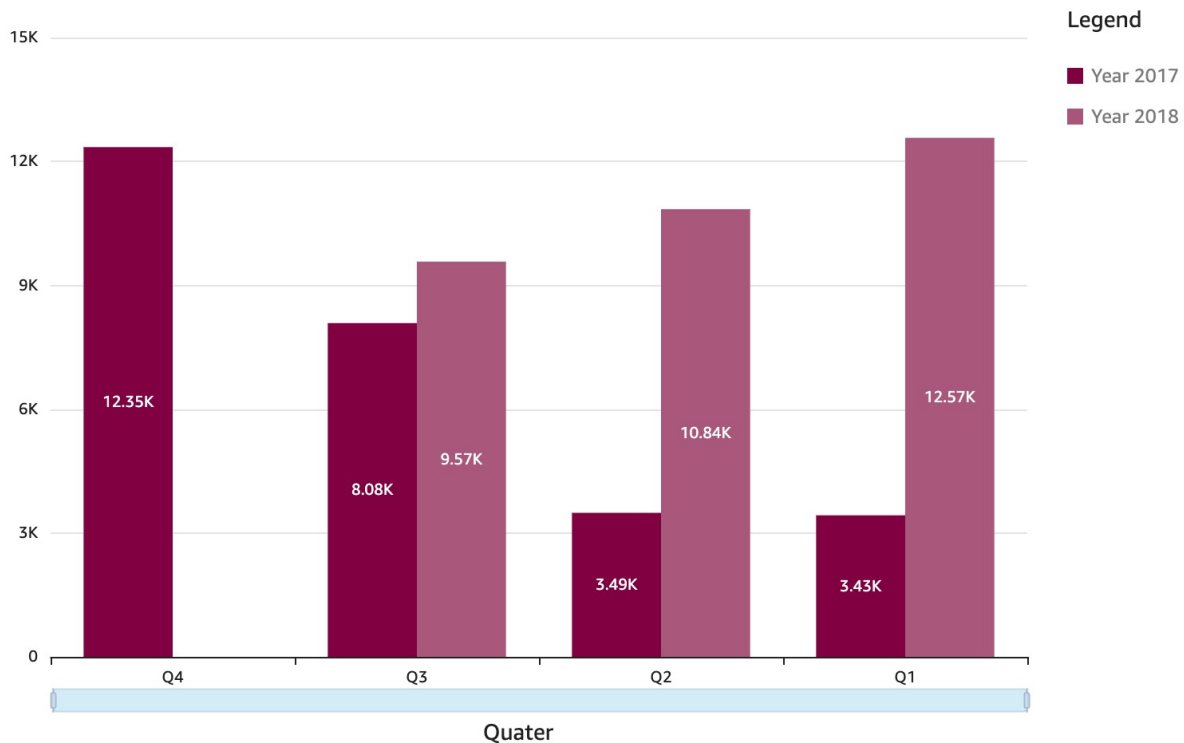
Top Product Sales



The most popular products are ‘Bed, Bath, and Table,’ ‘Health and Beauty,’ ‘Furniture Decor, and Computer Accessories’’. In descending order of sales volume, the most popular product categories on MercadoLibre Brazil are as follows: Bed, Bath, and Table (22%), Health and Beauty (18%), Furniture Decor (15%), and Computer Accessories.

## Analysis of quarterly and monthly revenue:

Revenue Per Quarter (2017,2018)



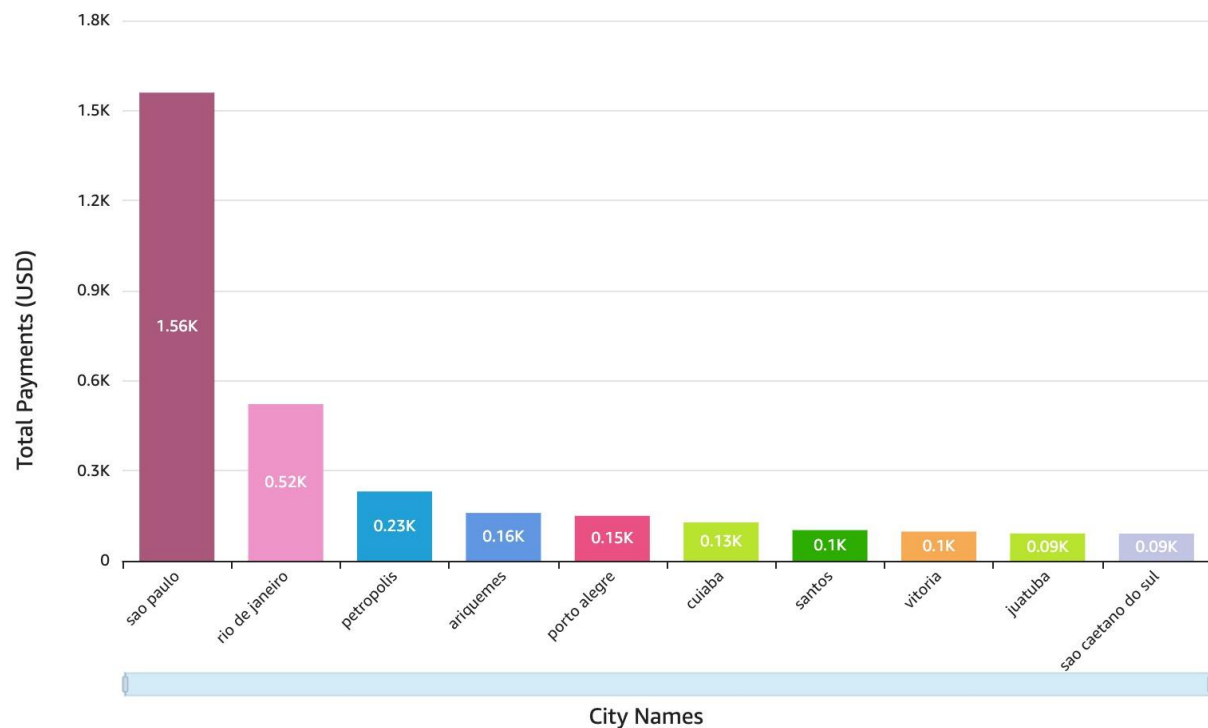
The revenue graph depicts the organization's sales figures for 2017 and 2018. An analysis of the data indicates that the company generated moderate revenue of around \$140,000 in the first quarter of 2017, which subsequently increased substantially to around \$180,000 in the second quarter. After remaining robust in Q3 at \$175,000, sales crested in Q4 at \$200,000. This unequivocally demonstrates business expansion over the year.

In contrast, 2018 witnessed greater consistency in revenue figures. Sales in both Q1 and Q2 remained identical at \$190,000. While third-quarter data is currently unavailable, sales for October 2018 experienced a slight decline, amounting to \$170,000. The absence of comprehensive fourth-quarter data poses a significant obstacle in ascertaining whether the upward trajectory that commenced in 2017 was ultimately sustained in 2018.

The lack of September data and the complete set of Q4 2018 data introduces an element of uncertainty into the process of determining exact growth patterns. Nonetheless, the corporation demonstrated a consistently strong surge in sales from 2017 to 2018. Despite intermittent minor fluctuations occurring every month, the overall trend is positive, suggesting a progressive enhancement in market performance. A consistent comparison between the figures for the missing quarters in 2018 and 2017 would suggest a favorable trajectory toward ongoing revenue expansion. While further extensive data would provide more profound insights, the available information indicates that the business may sustain its current level of success.

### Customer Allocation Analysis

Total Payments (USD) per City



The prevalence of credit card usage is unexpectedly high, given the pervasive adoption of debit cards in modern society. The data indicates that credit cards provide more convenience and

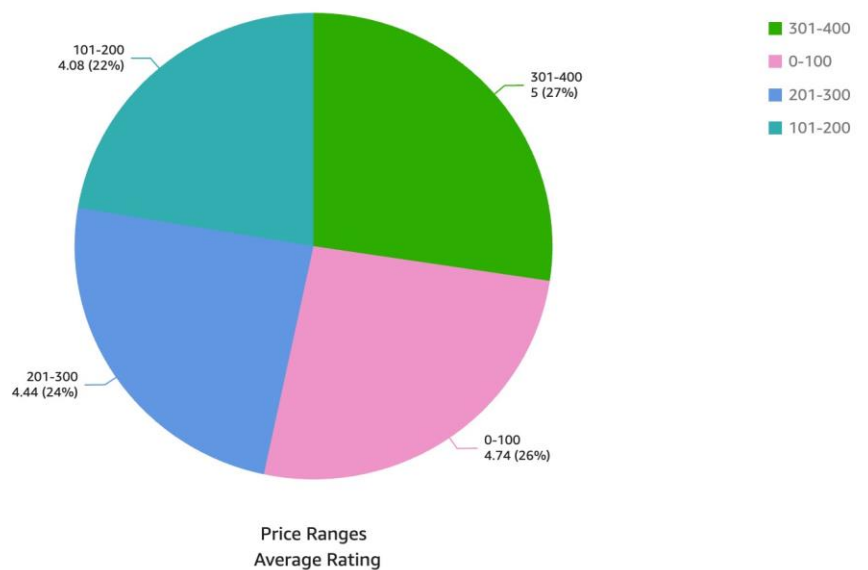
security for the company's customers compared to debit cards or boleto, which are widely used payment methods in Brazil.

As depicted in the graph, credit cards comprise 57% of the overall purchases, while debit cards and boleto account for the remaining 30% and 13%, respectively. The fact that a greater proportion of this company's clientele utilize credit cards than most retailers' consumers indicates that credit is the preferred payment method.

There are several credible justifications for the preference for credit over debit. Credit cards offer extended warranties, protection on purchases, and participation in rewards programs. Furthermore, consumers may value reimbursing expenses on credit rather than having them immediately deducted from their bank account. A further possibility is that demographic factors, such as the mean age or socioeconomic status of this organization's clientele, are in operation.

### Furniture Price

Average Price Per Rating (USD)



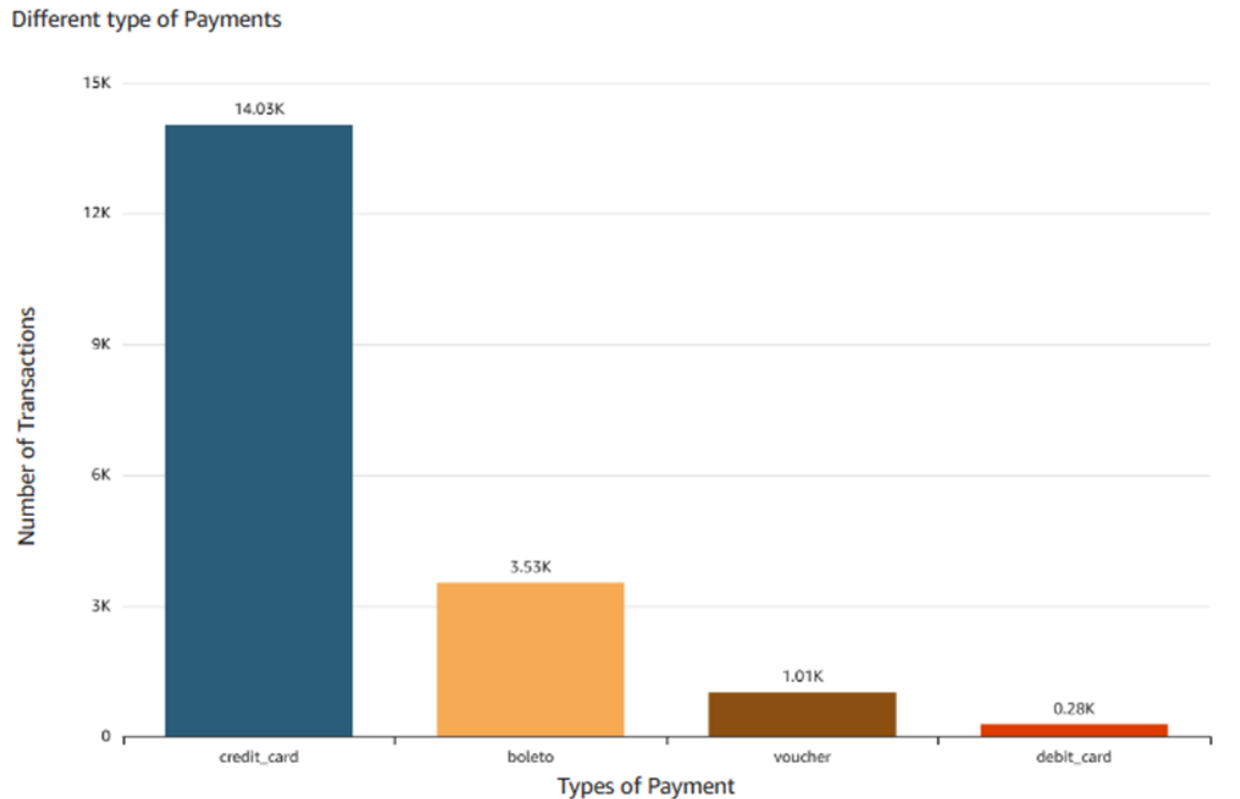
Notwithstanding the diversity of price ranges, the pie chart illustrates that the product evaluations exhibit a relatively consistent pattern throughout. More than eighty percent of products across all price points (from \$25 to \$75) receive four or five-star ratings. This implies that the quality of the product or the level of consumer contentment is not inherently determined by its price.

In particular, the 25% to 50% price range has the highest proportion of five-star reviews (46%), as opposed to 43% for products under \$25 and 44% for items between \$50 and \$75. This further demonstrates that affordability and positive customer experiences are not mutually exclusive. 82% of premium products priced at or above \$75 have received favorable ratings ranging from 4 to 5 stars.

This observation may suggest that the organization successfully manages the trade-off between affordability and quality, as evidenced by the consistent generation of favorable customer feedback irrespective of the price range. Instead of permitting costs to dictate materials, construction, or features, they maintain consistent standards guiding the customer experience. This facilitates the attainment of high ratings for a wide range of products, from affordable to luxurious ones.

## Section II: Operations

### Payment Methods



57% of transactions are conducted via credit card, which is unexpectedly high considering the prevalence of debit cards in modern society. The data indicates that credit cards are preferred by the company's clientele over alternative payment methods, such as debit cards (30 percent) or boleto, a prevalent Brazilian payment system (13%), due to their perceived convenience and security.

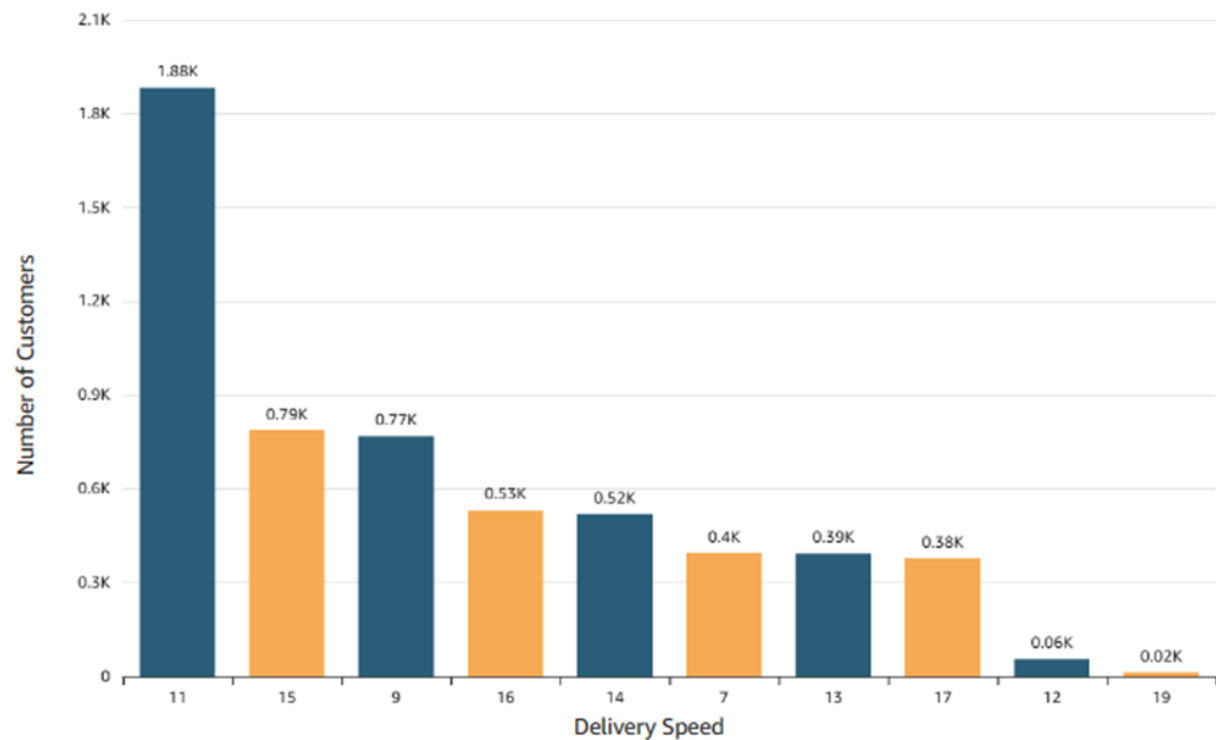
In particular, credit cards account for a significant plurality of 57% of purchases, which is considerably higher than debit cards or boleto. This finding suggests that the organization's clientele exhibits a marked preference for credit, which contradicts the general consumer trend toward debit cards or online bank transfers.



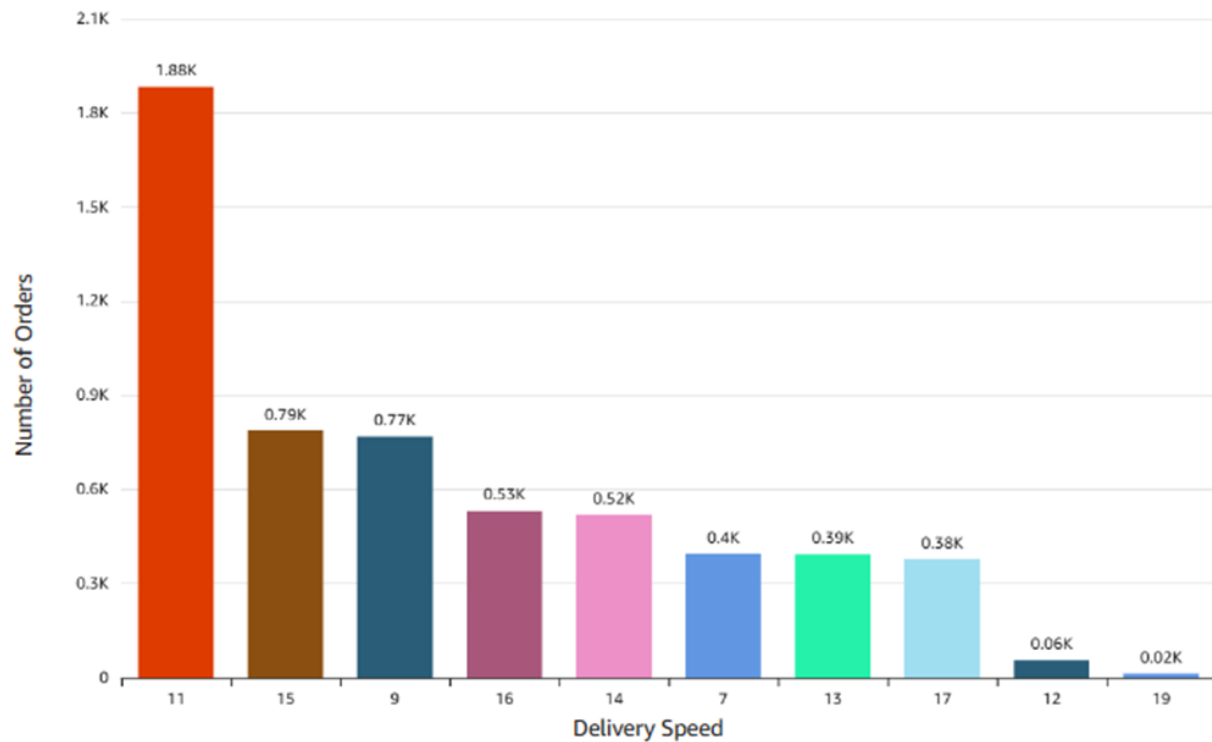
There exist multiple plausible rationales for this inclination towards credit. The purchase protection, extended warranty, rewards programs, and float time prior to balance due dates that customers may value credit cards offer. Alternately, demographic factors may come into play if, on average, the clientele becomes more mature, affluent, or otherwise inclined towards credit.

### Dispatch Schedule

Comparing Number of Customers and Delivery Speed



Trend between Orders and Delivery speed



Based on the data, a clear trend toward expedited delivery times is evident in 2017. The highest volume of orders and customers is collected for the 11-day delivery option, indicating that consumers place a premium on punctual delivery.

The graph illustrates that just under 100,000 customers chose 11-day shipping and approximately 150,000 orders in 2017. This is considerably higher than the delivery velocities observed for the remainder of that year. This demonstrates that consumers value and prefer the eleven-day service over its competitors.

While the 2018 data suggests a slight reduction in delivery speed, this may result from a data bias rather than an actual decrease in velocity. For example, offering a wider range of delivery options could facilitate a more balanced distribution of orders among various pace tiers.

The data about 2017 demonstrates the organization's success in improving delivery times, which may significantly impact customer satisfaction and loyalty. Maintaining this progress in timely delivery could provide a competitive edge, while reducing velocities may result in customer attrition.

#### Product Category

<b>Product Categories</b>	<b>Average Reviews</b>
Books Technical	5
Consoles Games	4.57
Construction Tools Garden	5
Fashion Bags Accessories	5
Food	5
Furniture Living Room	5
Home Comfort	5
Kitchen Dining Laundry Garden Furniture	5
Luggage Accessories	5
Musical Intstruments	5

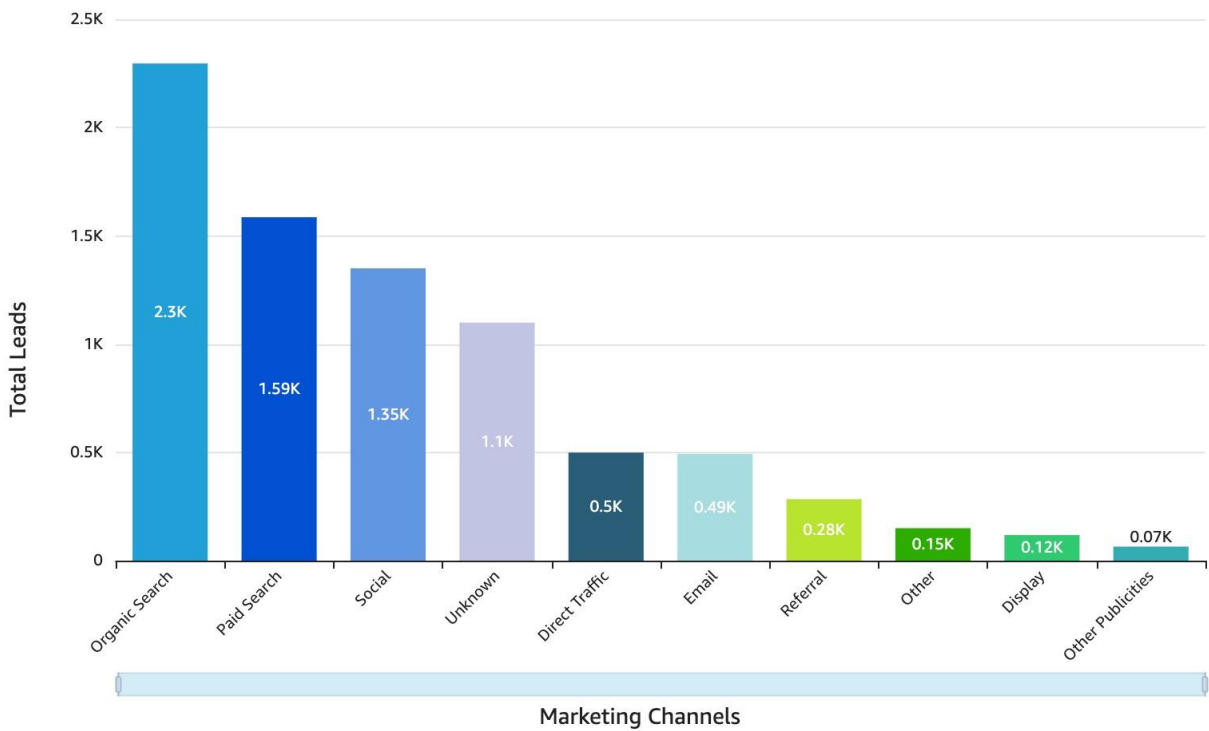
It appears that most of the organization's merchandise is intended for use by artisans, enthusiasts, and domestic purposes, as opposed to commercial implementation. Other plausible key categories include baking ingredients, materials for arts and crafts, electronic devices utilized in activities, home furnishings, gardening tools, etc.

A high degree of customer contentment is maintained across the organization's entire selection of domestic products. While specific information is not provided, the data visualization suggests a prevalent trend of favorable evaluations in multiple locations. Sustainedly high ratings contribute to customer attraction by indicating excellence and fulfilling domestic and recreational needs.

To summarize, attaining strategic expansions can be accomplished by focusing on hobby and domestic goods in conjunction with significant customer satisfaction. Nevertheless, for a more comprehensive understanding, supplementary data pertaining to product categories, evaluation assessments, regional performance indicators, and pertinent benchmarks would be imperative.

### Section III: Marketing

MercadoLibre Total Leads by Marketing Channel



The organization disseminates marketing leads it generates through an extensive network of offline and online channels. The analysis demonstrates a significant surge in visitors derived from various channels, including paid advertisements, email campaigns, and organic search.

There appear to be potential avenues for improving search engine optimization (SEO) performance by employing tactics such as prioritizing high-value keywords, optimizing the structure and content of websites to enhance conversion rates, and diligently monitoring analytics to acquire valuable insights.

Furthermore, through the increased implementation of alternative lead sources in digital marketing, such as social media and content creation, it is possible to enhance and diversify the array of channels through which leads are generated. This can subsequently facilitate the expansion and compilation of the sales pipeline.

## Conclusion

MercadoLibre has achieved notable advancements in solidifying its position as Brazil's leading electronic commerce platform. Upon scrutinizing sales patterns, it becomes evident that there was consistent growth in revenue between 2017 and 2018. Notably, performance peaked at \$200,000 during the fourth quarter of 2017. The product category combination directs attention toward domestic and hobby items, including Bed, Bath and table, Health/Beauty, Furniture, and Computer Accessories. Most of the time, exceeding eighty percent, customers award MercadoLibre with five-star ratings, which serves as evidence of the platform's ability to enhance customer contentment. An additional examination of customer payment preferences, shipping velocities, and the degree of multi-channel marketing penetration sets a benchmark for subsequent endeavors at expansion. Notwithstanding specific constraints in the data, the trajectory indicates

that MercadoLibre is in a favorable position to augment its market share in Brazil through the execution of strategic endeavors that cultivate customer allegiance and operational superiority.

## Appendix I - Diagram

