Customer Experience Insights – Dashboard Explanation

1. What is the overall distribution of customer review scores?

The review scores follow a **positively skewed distribution**. Most customers gave **5-star reviews (57K)**, followed by **4-star (19K)**, while only a small number gave **1-star (11K)** or **2-star (3K)** or **3-star (8k)**.

This indicates an overall positive customer experience.

2. How has the average review score trended over time?

The average review score has remained **consistently high**, hovering between **4.0 to 4.3**, with minor dips (e.g., December 2016 (2.4) and March 2018 (3.7)).

This shows stable satisfaction over time, with no major declines.

3. What is the average review score by state or city?

States like AP, AM, PR, SP maintain a consistent average of 4.1–4.2. However, cities like São Paulo and Rio de Janeiro show high volumes of negative reviews, indicating regional service gaps.

4. What's the sentiment breakdown of customer reviews?

✓ Positive reviews: 77%

Neutral: 8% Negative: 15%

Most customers express positive sentiment, but 15% still reflect dissatisfaction worth investigating.

5. How many customers gave each review score?

- Exact volume of reviews is clearly represented:
 - 5★ → 57K
 - 4★ → 19K
 - 3★ → 8K
 - 2★ → 3K
 - 1★ → 11K

This allows precise score distribution analysis.

6. How does delivery time affect review scores?

✓ There is a clear inverse relationship — longer delivery times correlate with lower review scores.
1-star reviews average 21 days, while 5-star reviews average 10.6 days delivery.

1 This highlights delivery delay as a key dissatisfaction driver.

7. What's the response time for negative reviews?

Response time is fastest for 2-star and 3-star reviews (~2.4 days), showing that moderately dissatisfied or neutral customers are responded to most promptly.

1-star reviews receive slightly slower responses (~2.5 days), which may delay resolution for the most dissatisfied customers.

5-star reviews surprisingly have the slowest average response time (~2.6 days), suggesting that positive feedback is deprioritized — which is acceptable, but negative reviews could still be addressed faster.

8. What are the top cities with the highest number of complaints (low scores)?

- ▼ Top complaint-heavy cities:
 - São Paulo
 - Rio de Janeiro
 - Belo Horizonte

These regions should be targeted for quality improvement and follow-up service actions.

9. What product categories are receiving poor ratings?

- ✓ Product categories such as:
 - Security and Services (Avg: 2.5)
 - Office Furniture, Fashion (Male & Female),
 - Home Comfort, Diapers and Hygiene,

have some of the lowest average review scores, ranging from 3.6 to 3.8+.

This indicates **potential issues in product quality, customer expectations, or delivery experience**, and highlights the need for targeted **product improvement or customer support** in these categories.

10. What is the percentage of 5-star vs 1-star ratings?

5-Star Reviews: 58%
1-Star Reviews: 12%

While the majority are highly satisfied, the 12% 1-star ratings suggest a sizeable group of dissatisfied customers that should be addressed.