Task 6 (YOSHOPS)

-Web scraping data of Data from Reliance Digital Website

-Data Analysis

Rishabh Mahajan

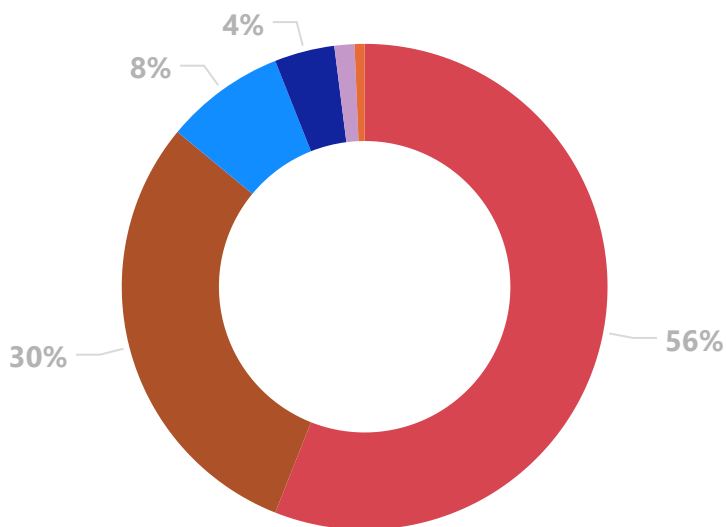# Reliance Digital Mobile and Laptops Data Analysis
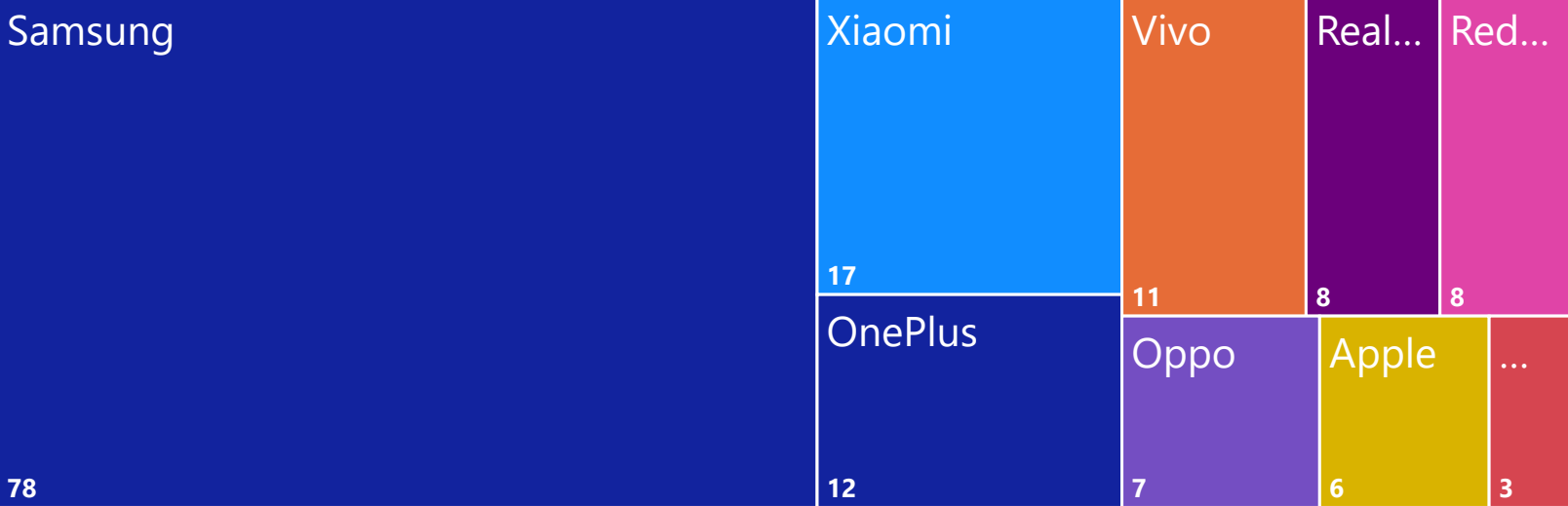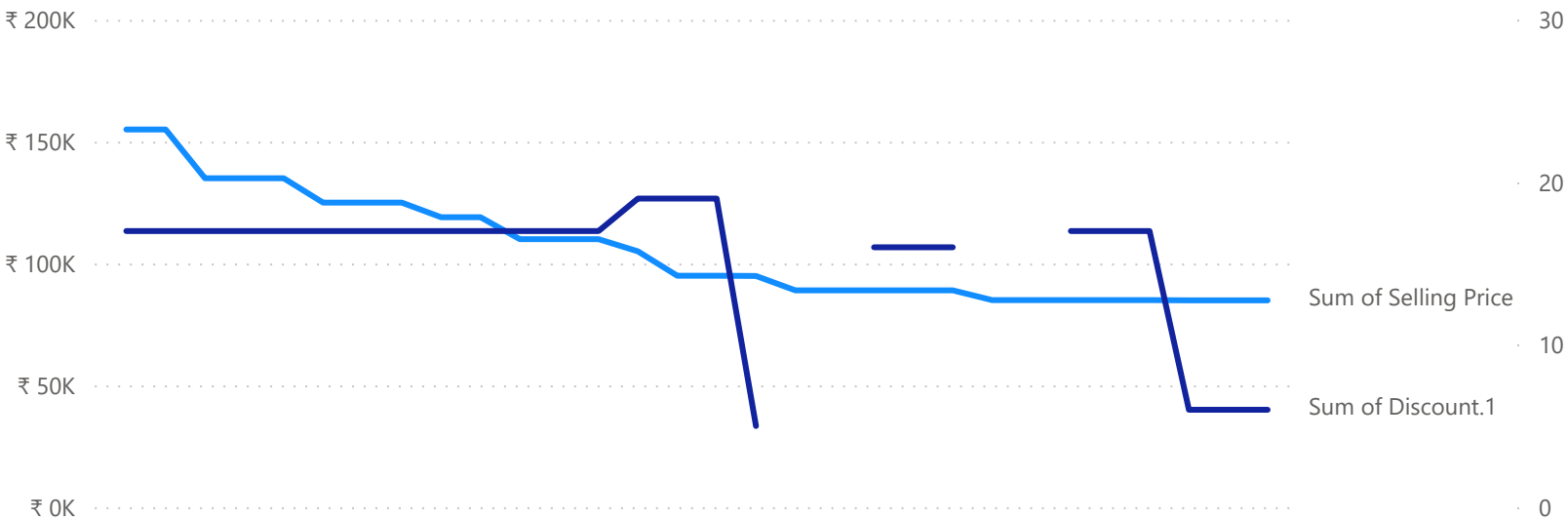
Average Selling Price
₹ 50K

Average Discount
14.25

Storage wise Listed Products

(GB/TB) ● 128 ● 256 ● 64 ● 512 ● 1 ● 12

- 56%
- 30%
- 8%
- 4%

Selling Price and Discount comparison

Sum of Selling Price

Sum of Discount.1

Brand	Count
Samsung	78
Xiaomi	17
OnePlus	12
Vivo	11
Oppo	7
Real...	8
Apple	6
Red...	8
...	3

Reliance Digital Mobile and Laptops Data Analysis

Average Selling Price and Average Discount by Company

● Average Selling Price ━━ Average Discount

Company	Average Selling Price	Average Discount
Apple	₹ 84,900	5.83
Samsung	₹ 61,685	16.20
OnePlus	₹ 52,166	13.40
Motorola	₹ 44,999	15.00
Vivo	₹ 36,090	10.82
Xiaomi	₹ 29,587	11.00
Oppo	₹ 28,570	18.43
Realme	₹ 19,624	11.50
Redmi	₹ 16,374	13.50
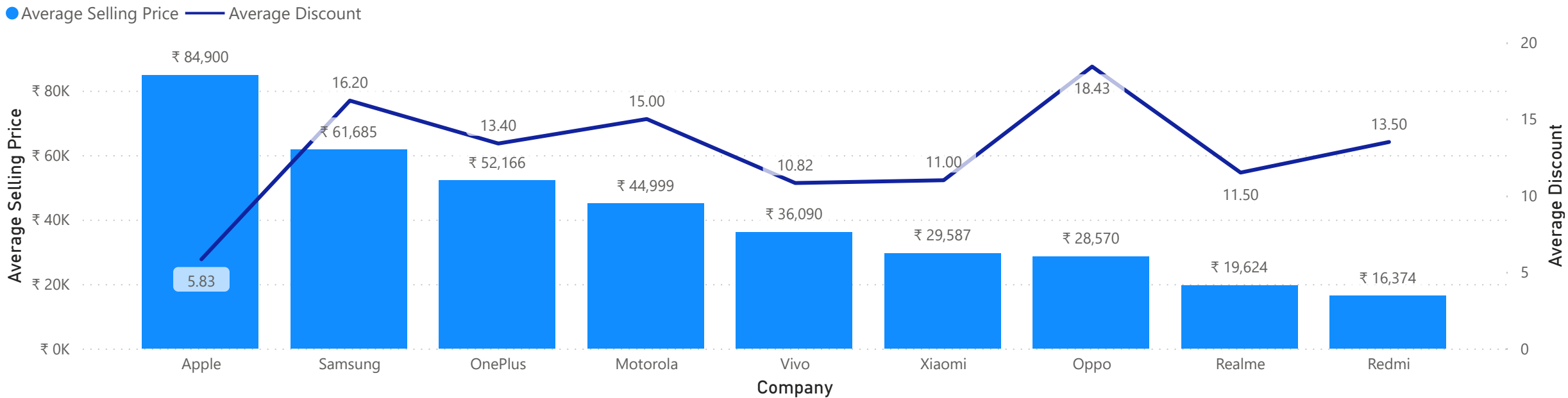
At $84,900, Apple had the highest Average Selling Price and was 418.50% higher than Redmi, which had the lowest Average Selling Price at $16,374.

Average Selling Price and Average Discount diverged the most when the Company was Apple, when Average Selling Price were $84,894.16666666667 higher than Average Discount.

Across all 9 Company, Average Selling Price ranged from $16,374 to $84,900 and Average Discount ranged from 5.83 to 18.43.

Reliance Digital Mobile and Laptops Data Analysis

Company wise Products

Company ● Apple ● Motorola ● OnePlus ● Oppo ● Realme ● Redmi ● Samsung ● Vivo ● Xiaomi
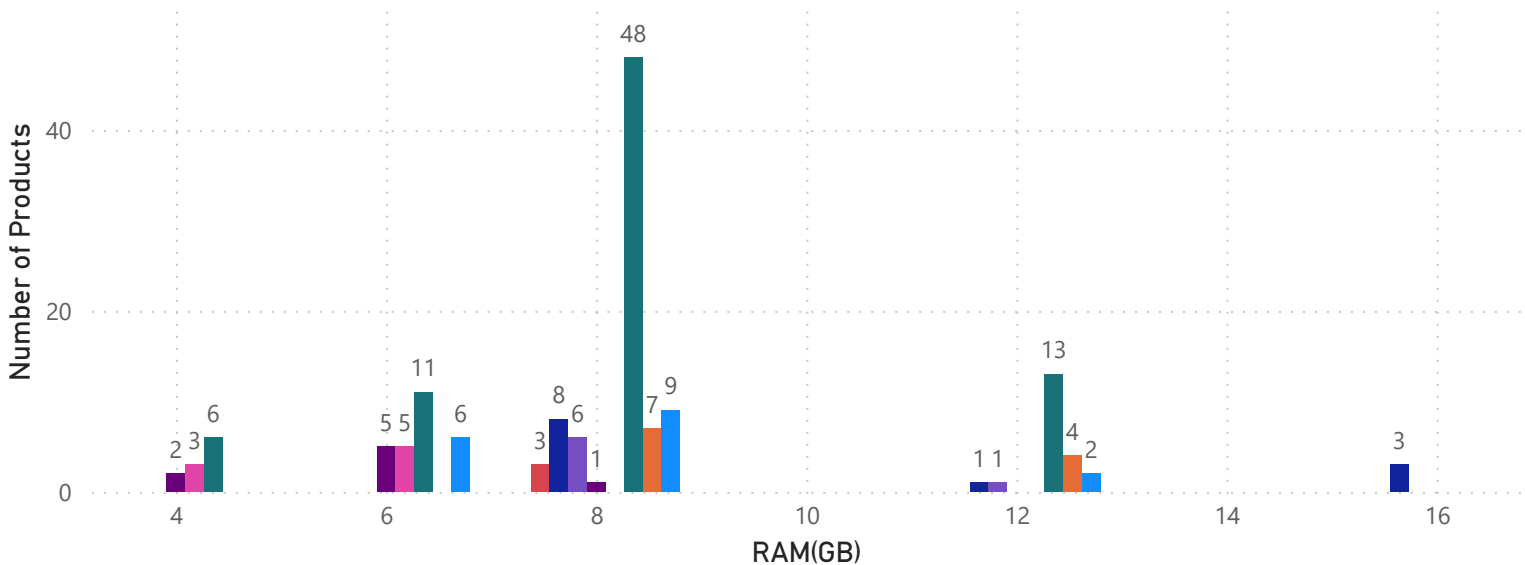
At 82, 8 had the highest Count of Products and was 2,633.33% higher than 16, which had the lowest Count of Products at 3.
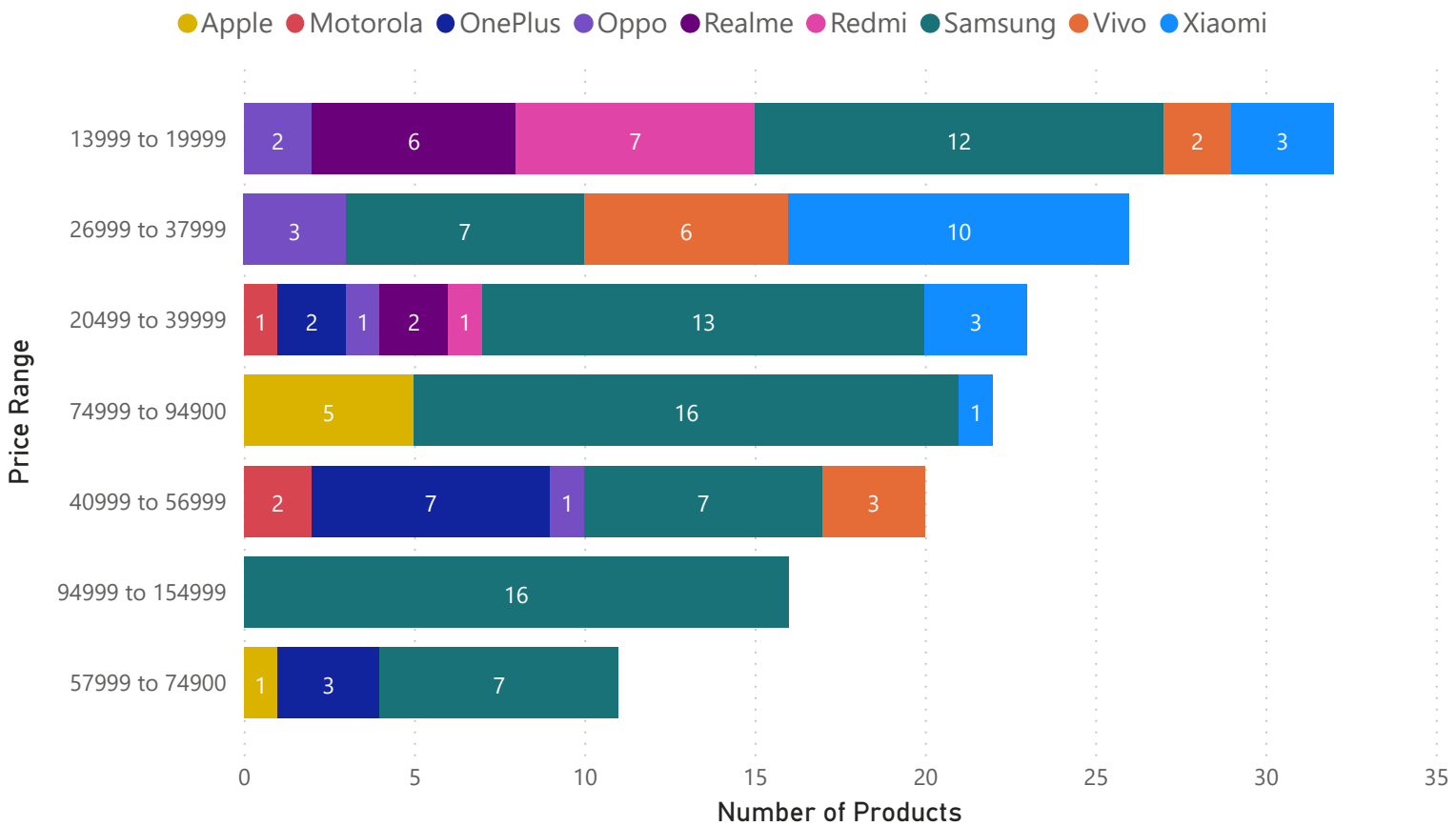
8 accounted for 54.67% of Count of Products.

Across all 6 RAM(GB), Count of Products ranged from 3 to 82.

Company	Average Discount	Number of Products
Oppo	18.43	7
Samsung	16.20	78
Motorola	15.00	3
Redmi	13.50	8
OnePlus	13.40	12
Total	**14.25**	**150**

Reliance Digital Mobile and Laptops Data

Products and Various Segments

Legend: ● Apple ● Motorola ● OnePlus ● Oppo ● Realme ● Redmi ● Samsung ● Vivo ● Xiaomi

Price Range (Y-axis) vs **Number of Products** (X-axis):

- **13999 to 19999:** 2, 6, 7, 12, 2, 3
- **26999 to 37999:** 3, 7, 6, 10
- **20499 to 39999:** 1, 2, 1, 2, 1, 13, 3
- **74999 to 94900:** 5, 16, 1
- **40999 to 56999:** 2, 7, 1, 7, 3
- **94999 to 154999:** 16
- **57999 to 74900:** 1, 3, 7

Samsung had the highest total Number of Products at 78, followed by Xiaomi and OnePlus. Motorola had the lowest total Number of Products at 3.

Samsung had the highest average Number of Products at 11.14, followed by Xiaomi and Redmi. Motorola had the lowest average Number of Products at 1.50.