# **Retail Performance Optimization**

A Data-Driven Approach to Understanding Sales, Profitability, and Growth in Myanmar



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# **Business Problem Statement**

In a competitive retail environment, the business is facing challenges in understanding customer preferences, optimizing operational workflows, and identifying underperforming products and branches. Sales trends vary significantly across locations, customer segments, and product categories, making it difficult for management to make data-driven decisions.

The company needs a robust analytical approach to:

- •Identify market trends and customer purchasing behavior to enhance targeted marketing.
- •Uncover inefficiencies in inventory and supply chain operations through sales pattern analysis.
- •Evaluate sales performance across different branches and product lines to focus efforts on high-value areas.
- •Understand customer satisfaction levels based on ratings and feedback to improve service quality and retention.

To address these issues, SQL-based data analysis is used to generate actionable insights from transactional sales data.

### **Dataset Overview**

The dataset contains transactional sales data with the following key attributes:

**Invoice ID:** Unique identifier for each transaction.

**Branch:** Store branch where the transaction took place (A, C).

City: Location of the store (Yangon, Naypyitaw).

**Customer Type:** Member or Normal customer.

Gender: Male or Female.

**Product Line:** Category of the product purchased

Unit Price: Price per unit of the product.

Quantity: Number of units purchased.

Tax 5%: Tax applied to the total price.

**Total:** Total amount paid, including tax.

**Date & Time:** Timestamp of the transaction.

Payment Method: Mode of payment

COGS: Cost of Goods Sold.

Gross Margin Percentage: Percentage of revenue exceeding COGS.

**Gross Income:** Earnings from the transaction before deductions.

Rating: Customer satisfaction rating.

# Ad Hoc Analysis Using SQL

- Conducted on-demand queries to answer specific business questions, such as identifying top-selling products by month or analyzing payment method preferences.
- Enabled quick, data-driven decisions without requiring changes to the overall data model or report structure.
  - 1 SELECT \* FROM retail\_market\_analysis.retail\_sales\_transactions;



	Invoice ID	Branch	City	Customer type	Gender	Product line	Unit price	Quantity	Tax 5%	Total	Date	Time	Payment	cogs	gross margin percentage	gross income	Rating
	750-67-8428	A	Yangon	Member	Female	Health and beauty	74.69	7	26.1415	548.9715	01-05-2019	13:08	Ewallet	522.83	4.761904762	26.1415	9.1
	226-31-3081	C	Naypyitaw	Normal	Female	Electronic accessories	15.28	5	3.82	80.22	03-08-2019	10:29	Cash	76.4	4.761904762	3.82	9.6
	631-41-3108	A	Yangon	Normal	Male	Home and lifestyle	46.33	7	16.2155	340.5255	03-03-2019	13:23	Credit card	324.31	4.761904762	16.2155	7.4
	123-19-1176	Α	Yangon	Member	Male	Health and beauty	58.22	8	23.288	489.048	1/27/2019	20:33	Ewallet	465.76	4.761904762	23.288	8.4
	373-73-7910	Α	Yangon	Normal	Male	Sports and travel	86.31	7	30.2085	634.3785	02-08-2019	10:37	Ewallet	604.17	4.761904762	30.2085	5.3
	699-14-3026	C	Naypyitaw	Normal	Male	Electronic accessories	85.39	7	29.8865	627.6165	3/25/2019	18:30	Ewallet	597.73	4.761904762	29.8865	4.1
	355-53-5943	A	Yangon	Member	Female	Electronic accessories	68.84	6	20.652	433.692	2/25/2019	14:36	Ewallet	413.04	4.761904762	20.652	5.8
	315-22-5665	С	Naypyitaw	Normal	Female	Home and lifestyle	73.56	10	36.78	772.38	2/24/2019	11:38	Ewallet	735.6	4.761904762	36.78	8
	665-32-9167	A	Yangon	Member	Female	Health and beauty	36.26	2	3.626	76.146	01-10-2019	17:15	Credit card	72.52	4.761904762	3.626	7.2
1	692-92-5582	В	Mandalay	Member	Female	Food and beverages	54.84	3	8.226	172.746	2/20/2019	13:27	Credit card	164.52	4.761904762	8.226	5.9
	351-62-0822	В	Mandalay	Member	Female	Fashion accessories	14.48	4	2.896	60.816	02-06-2019	18:07	Ewallet	57.92	4.761904762	2.896	4.5
	529-56-3974	В	Mandalay	Member	Male	Electronic accessories	25.51	4	5.102	107.142	03-09-2019	17:03	Cash	102.04	4.761904762	5.102	6.8
	365-64-0515	A	Yangon	Normal	Female	Electronic accessories	46.95	5	11.7375	246.4875	02-12-2019	10:25	Ewallet	234.75	4.761904762	11.7375	7.1
	252-56-2699	A	Yangon	Normal	Male	Food and beverages	43.19	10	21.595	453.495	02-07-2019	16:48	Ewallet	431.9	4.761904762	21.595	8.2
	829-34-3910	A	Yangon	Normal	Female	Health and beauty	71.38	10	35.69	749.49	3/29/2019	19:21	Cash	713.8	4.761904762	35.69	5.7
	299-46-1805	В	Mandalay	Member	Female	Sports and travel	93.72	6	28.116	590.436	1/15/2019	16:19	Cash	562.32	4.761904762	28.116	4.5
	656-95-9349	A	Yangon	Member	Female	Health and beauty	68.93	7	24.1255	506.6355	03-11-2019	11:03	Credit card	482.51	4.761904762	24.1255	4.6
	765-26-6951	Α	Yangon	Normal	Male	Sports and travel	72.61	6	21.783	457.443	01-01-2019	10:39	Credit card	435.66	4.761904762	21.783	6.9
	329-62-1586	A	Yangon	Normal	Male	Food and beverages	54.67	3	8.2005	172.2105	1/21/2019	18:00	Credit card	164.01	4.761904762	8.2005	8.6
	319-50-3348	В	Mandalay	Normal	Female	Home and lifestyle	40.3	2	4.03	84.63	03-11-2019	15:30	Ewallet	80.6	4.761904762	4.03	4.4
	300-71-4605	C	Naypyitaw	Member	Male	Electronic accessories	86.04	5	21.51	451.71	2/25/2019	11:24	Ewallet	430.2	4.761904762	21.51	4.8
	371-85-5789	В	Mandalay	Normal	Male	Health and beauty	87.98	3	13.197	277.137	03-05-2019	10:40	Ewallet	263.94	4.761904762	13.197	5.1

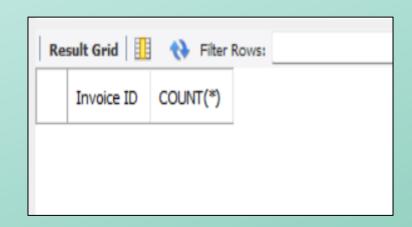
## **Data Cleaning Using SQL**

Data cleaning is a crucial step to ensure the dataset is accurate, consistent, and ready for analysis. SQL was used to detect and remove duplicates, handle missing values, correct data types, and convert date/time fields into usable formats.

### **Checking Duplicate Records**

```
SELECT `Invoice ID`, COUNT(*)
FROM retail_market_analysis.retail_sales_transactions
GROUP BY `Invoice ID`
HAVING COUNT(*) > 1;
```





#### **Correct Date & Time Format**

```
• ALTER TABLE retail_market_analysis.retail_sales_transactions

ADD COLUMN Transaction_Date DATE;

• UPDATE retail_market_analysis.retail_sales_transactions

SET Transaction_Date =

○ CASE

WHEN Date LIKE '%/%/%' THEN STR_TO_DATE(Date, '%m/%d/%Y') -- handles 1/27/2019

WHEN Date LIKE '%-%-%' THEN STR_TO_DATE(Date, '%d-%m-%Y') -- handles 02-10-2019

ELSE NULL

END;
```

```
    ALTER TABLE retail_market_analysis.retail_sales_transactions
        ADD COLUMN Transaction_time time;
    update retail_market_analysis.retail_sales_transactions
        SET Transaction_time = STR_TO_DATE(Time, '%H:%i');
```

# **Exploratory Data Analysis (EDA) Using SQL Queries**

### 1. Customer Segmentation:

Understand purchasing behavior across different customer types.

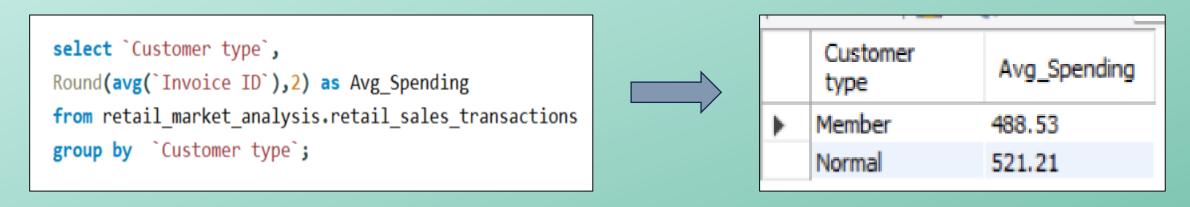
```
select `Customer type`,

Count(`Invoice ID`) as Transcation_Count

from retail_market_analysis.retail_sales_transactions
group by `Customer type`;
Result Grid 
Customer
type
Transcation_Count

Member
501
Normal
499
```

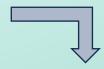
Analyzed average spending per customer type to reveal high-value segments.



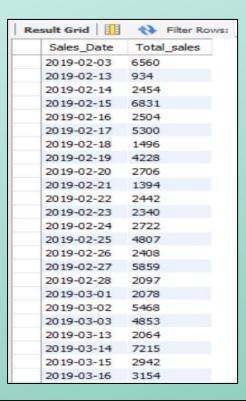
### 2. Sales Trend Analysis

Assessed sales performance over time to track business growth

```
select Date(Transaction_Date) as Sales_Date,
Round(sum(Total)) as Total_sales
from retail_market_analysis.retail_sales_transactions
group by
Transaction_Date
Order BY Sales_Date;
```



R	esult Grid	Filter Rows:
	Sales_Date	Total_sales
•	2019-01-01	4745
	2019-01-02	2445
	2019-01-03	2634
	2019-01-13	2451
	2019-01-14	3967
	2019-01-15	5944
	2019-01-16	4289
	2019-01-17	3143
	2019-01-18	2780
	2019-01-19	4915
	2019-01-20	3655
	2019-01-21	2392
	2019-01-22	1705
	2019-01-23	5994
	2019-01-24	5402
	2019-01-25	4700
	2019-01-26	4458
	2019-01-27	4636
	2019-01-28	5000
	2019-01-29	3517
	2019-01-30	2558
	2019-01-31	5232
	2019-02-01	1946
	2019-02-02	4141

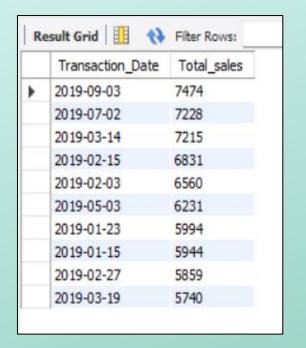


Result Grid	Filter Rows:
Sales_Date	Total_sales
2019-03-17	
2019-03-18	1293
2019-03-19	5740
2019-03-20	5458
2019-03-21	1878
2019-03-22	3179
2019-03-23	4095
2019-03-24	3477
2019-03-25	2273
2019-03-26	1963
2019-03-27	2903
2019-03-28	2229
2019-03-29	4023
2019-03-30	4487
2019-04-01	1624
2019-04-02	2439
2019-04-03	3894
2019-05-01	3537
2019-05-02	3031
2019-05-03	6231
2019-06-01	3614

Result Grid	Filter Rows:
Sales_Date	Total_sales
2019-06-01	3614
2019-06-02	2905
2019-06-03	3093
2019-07-01	2834
2019-07-02	7228
2019-07-03	1438
2019-08-01	5294
2019-08-02	5085
2019-08-03	3125
2019-09-01	3021
2019-09-02	3272
2019-09-03	7474
2019-10-01	3561
2019-10-02	3141
2019-10-03	3163
2019-11-01	2115
2019-11-02	4542
2019-11-03	2961
2019-12-01	5185
2019-12-02	2999
2019-12-03	3678

Highlighted peak sales days and active time slots for operational planning.

```
    select (Transaction_Date),
        Round(sum(Total)) as Total_sales
        from retail_market_analysis.retail_sales_transactions
        group by Transaction_Date
        order by Total_sales Desc
        Limit 10;
```



• select
Transaction_Date,
<pre>hour(Transaction_time),</pre>
Round(sum(Total)) as Total_sales
<pre>from retail_market_analysis.retail_sales_transactions</pre>
<pre>group by hour(Transaction_time),Transaction_Date</pre>



Re	sult Grid 📗 🙌	Filter Rows:	Export:
	Transaction_Date	hour(Transaction_time)	Total_sales
•	2019-05-01	13	549
	2019-08-03	10	1032
	2019-03-03	13	866
	2019-01-27	20	893
	2019-08-02	10	933
	2019-03-25	18	819
	2019-02-25	14	791
	2019-02-24	11	772
	2019-10-01	17	553
	2019-02-20	13	445

#### 3. Product Line Performance

Ranked product lines based on total revenue to identify top-performing categories.

```
• select `Product line`,
   Round(Sum(Total),2) as Total_Revenue,
   Rank() over (Order by sum(Total) Desc) as Revenue_Rank
   From retail_market_analysis.retail_sales_transactions
   Group by `product line`
   order by
   Revenue_Rank;
```



	Product line	Total_Revenue	Revenue_Rank
•	Food and beverages	56144.84	1
	Sports and travel	55122.83	2
	Electronic accessories	54337.53	3
	Fashion accessories	54305.9	4
	Home and lifestyle	53861.91	5
	Health and beauty	49193.74	6

Calculated average quantity sold to evaluate product popularity.

```
    select `Product line`,
        Round(avg(Quantity),0) Avg_quantity
        from retail_market_analysis.retail_sales_transactions
        Group by `Product line`
        order by
        Avg_quantity;
```



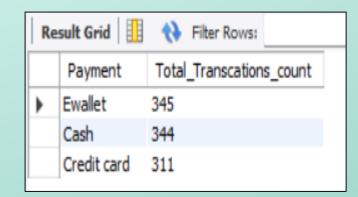
Result Grid Filter Rows:						
	Product line	Avg_quantity				
•	Food and beverages	5				
	Fashion accessories	5				
	Health and beauty	6				
	Electronic accessories	6				
	Home and lifestyle	6				
	Sports and travel	6				

### 4. Payment Method Insights

Determined most preferred payment methods by transaction count.

```
    select Payment,
        count(Total) as Total_Transcations_count
        from retail_market_analysis.retail_sales_transactions
        group by Payment
        order by Total_Transcations_count
        desc;
```

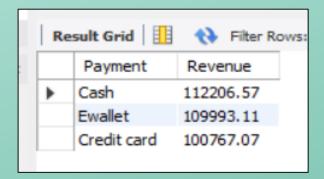




Determined most preferred payment methods by transaction count.

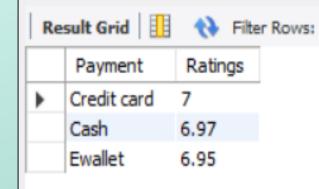
```
    select Payment,
        Round(sum(Total),2) as Revenue
        from retail_market_analysis.retail_sales_transactions
        group by Payment
        order by Revenue
        desc;
```





Analyzed relationship between payment method and customer satisfaction ratings.

```
select Payment,
round(Avg(Rating),2) as Ratings
from retail_market_analysis.retail_sales_transactions
group by Payment
order by Ratings
desc;
```

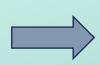


# **Performance Analysis Using SQL**

### 1. Branch and City-Wise Sales Performance

Compared sales across different branches and cities to spot high-performing locations.

```
select Branch,
round(sum(Total),2) as Total_Revenue
from retail_market_analysis.retail_sales_transactions
group by Branch
order by Total_Revenue;
```



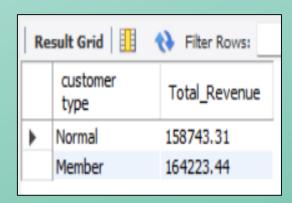
Re	Result Grid   1		
	Branch	Total_Revenue	
١	В	106197.67	
	Α	106200.37	
	C	110568.71	

### 2. Customer Type Revenue Contribution

Evaluated revenue contribution from members vs. normal customers.

```
select `customer type`,
round(sum(Total),2) as Total_Revenue
from retail_market_analysis.retail_sales_transactions
group by `customer type`
order by Total_Revenue;
```





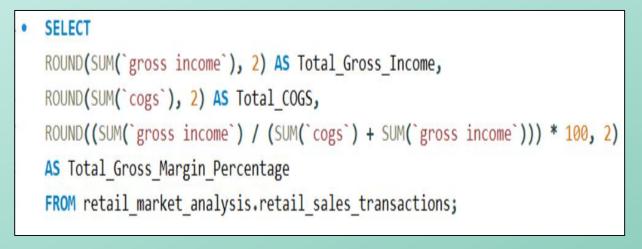
### 3. Product Line Profitability

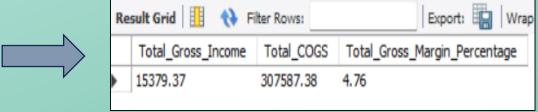
Computed profit margins across product lines to identify most profitable categories.

```
SELECT
                                                                                                                                                                               Export: Wrap Cell Conte
                                                                                                                        Result Grid
                                                                                                                                          Filter Rows:
  Product line,
                                                                                                                                                                                   Profit Margin Percent
                                                                                                                            Product line
                                                                                                                                                   Total Profit
                                                                                                                                                                 Total Revenue
 ROUND(SUM(`Total` - (`Unit price` * `Quantity`)), 2) AS Total Profit,
                                                                                                                           Health and beauty
                                                                                                                                                   2342.56
                                                                                                                                                                 49193.74
                                                                                                                                                                                  4.76
 ROUND(SUM('Total'), 2) AS Total Revenue,
                                                                                                                                                   2587.5
                                                                                                                                                                 54337.53
                                                                                                                           Electronic accessories
                                                                                                                                                                                  4.76
                                                                                                                           Home and lifestyle
                                                                                                                                                                 53861.91
                                                                                                                                                   2564.85
                                                                                                                                                                                  4.76
 ROUND(SUM(`Total` - (`Unit price` * `Quantity`)) / SUM(`Total`) * 100, 2) AS Profit Margin Percent
                                                                                                                           Sports and travel
                                                                                                                                                                                  4.76
                                                                                                                                                   2624.9
                                                                                                                                                                 55122.83
FROM retail market analysis.retail sales transactions
                                                                                                                           Food and beverages
                                                                                                                                                   2673.56
                                                                                                                                                                 56144.84
                                                                                                                                                                                  4.76
GROUP BY 'Product line'
                                                                                                                           Fashion accessories
                                                                                                                                                                                  4.76
                                                                                                                                                   2585.99
                                                                                                                                                                 54305.9
ORDER BY Profit Margin Percent DESC;
```

### 4. Gross Income & Margins Analysis

Calculated total gross income and analyzed gross margin percentage trends





### **5. Customer Satisfaction Analysis**

Assessed average customer ratings by product line and store branch.

```
• select `Product line`,
Round(avg(Rating),2) as Avg_Rating
from retail_market_analysis.retail_sales_transactions
group by `Product line`
order by Avg_Rating Desc;
```



1		
	Product line	Avg_Rating
١	Food and beverages	7.11
	Fashion accessories	7.03
	Health and beauty	7
	Electronic accessories	6.92
	Sports and travel	6.92
	Home and lifestyle	6.84

Identified factors influencing higher satisfaction to improve service quality.

```
    select `Branch`,
    Round(avg(Rating),2) as Avg_Rating
    from retail_market_analysis.retail_sales_transactions
    group by `Branch`
    order by Avg_Rating Desc;
```



Re	sult Grid	Filter Rov
	Branch	Avg_Rating
•	С	7.07
	Α	7.03
	В	6.82

### **5. Customer Satisfaction Analysis**

Assessed average customer ratings by product line and store branch.

```
    select `Product line`,
        Round(avg(Rating),2) as Avg_Rating
        from retail_market_analysis.retail_sales_transactions
        group by `Product line`
        order by Avg_Rating Desc;
```



1		
	Product line	Avg_Rating
١	Food and beverages	7.11
	Fashion accessories	7.03
	Health and beauty	7
	Electronic accessories	6.92
	Sports and travel	6.92
	Home and lifestyle	6.84

Identified factors influencing higher satisfaction to improve service quality.

select `Branch`,
 Round(avg(Rating),2) as Avg\_Rating
 from retail\_market\_analysis.retail\_sales\_transactions
 group by `Branch`
 order by Avg\_Rating Desc;

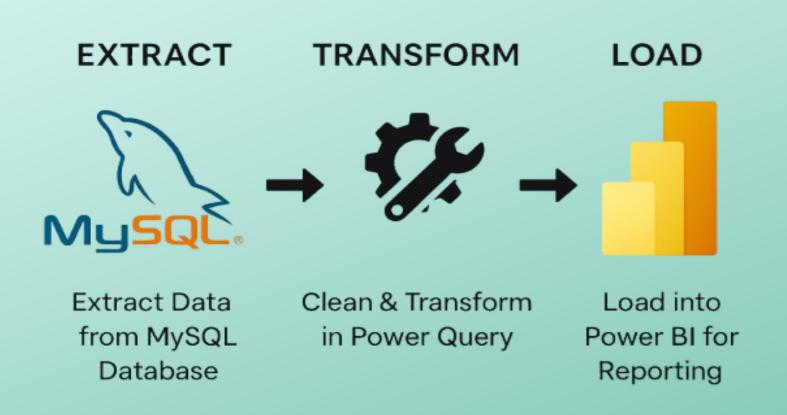


Result Grid											
	Branch	Avg_Rating									
•	С	7.07									
	Α	7.03									
	В	6.82									
	A	7.03									

# Key Business Findings from Ad Hoc SQL Analysis

- ✓ Members generated more revenue (₹164.22K) than normal customers (₹158.74K).
- ✓ The highest sales were recorded in January (₹87K), followed by April (₹73K) and May (₹63K).
- ✓ Food & Beverages had the highest average customer rating at 7.1, followed by Fashion Accessories at 7.0.
- ✓ Ewallet and cash were the most preferred payment methods, each used in 34% of transactions, while credit cards were used in 31.2%.
- ✓ The Mandalay branch earned a gross income of ₹5.1K, slightly lower than Naypyitaw's ₹5.3K, despite similar sales volumes.
- ✓ Health & Beauty and Home & Lifestyle had the lowest customer ratings at 6.8 and 6.9, respectively.
- ✓ The overall gross margin across the business was just 4.76%, indicating tight profitability.

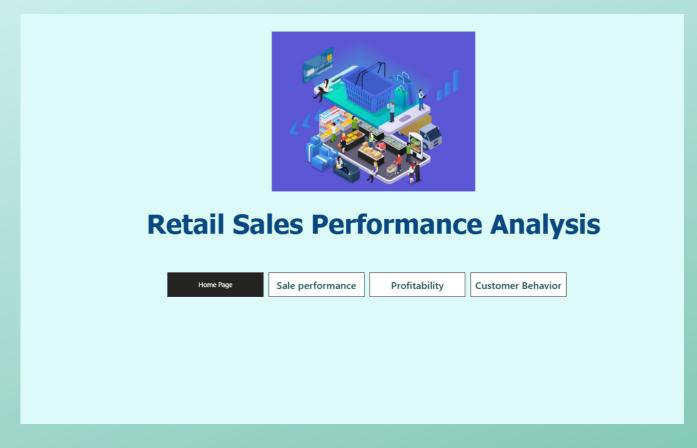
# ETL Process – From MySQL to Power BI



# **Power BI Sales Dashboard**

This presentation highlights insights from our Power BI dashboards, focusing on the following key areas:

- > Sales Dashboard Overview of overall sales performance and trends.
- Profitability Dashboard Analysis of financial performance and profitability metrics.
- Customer Dashboard Insights into customer behavior, demographics, and trends.



## **Retail Sales Performance**

**Home Page** 

Sale performance

Profitability

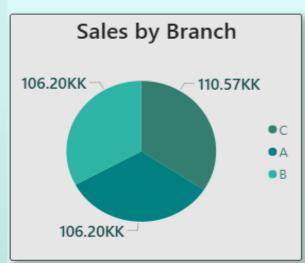
Customer...

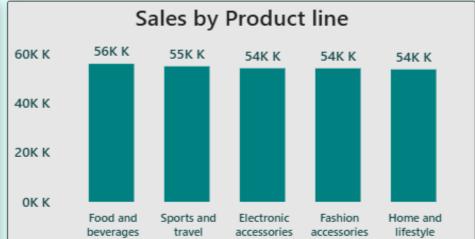
Total Sale 322.97KK

Total Quantity 5510

cogs 307.59... Total Tax 15.38K













## **Retail Sales Performance**

Home Page

Sale performance

Profitability

Customer...

cogs 307.59KK

Profit 15.38KK Gross Margin% 4.76



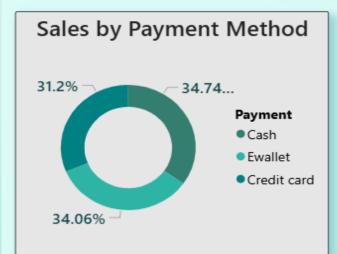
month ×

Product line

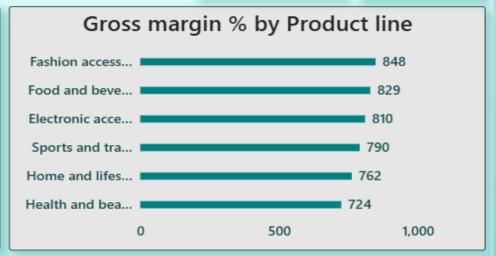
Electronic

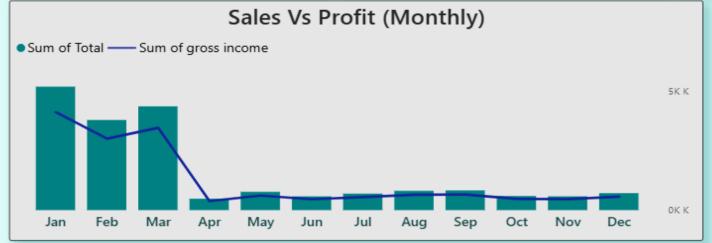
accessories

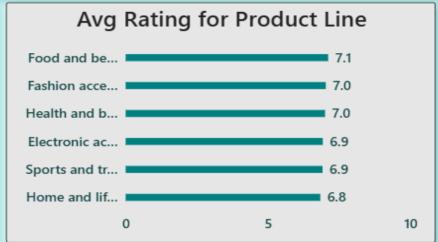












# **Retail Sales Performance**

Home Page

Sale performance

Profitability

Customer Behaviour

Customers 1000

Total Tax 322.97KK

499 501 Male Female





Customer Behaviour Insights Across Branches											
Invoice ID	Product line	Branch	City	Gender	Customer type	Quantity Sold	Revenue	COGS	gross income	gross margin <sup>4</sup>	
860-79-0874	Fashion accessories	С	Naypyitaw	Female	Member	10	1,042.65 K	993.00 K	49.65 K	4.76	
687-47-8271	Fashion accessories	Α	Yangon	Male	Normal	10	1,039.29 K	989.80 K	49.49 K	4.76	
283-26-5248	Food and beverages	С	Naypyitaw	Female	Member	10	1,034.46 K	985.20 K	49.26 K	4.76	
751-41-9720	Home and lifestyle	С	Naypyitaw	Male	Normal	10	1,023.75 K	975.00 K	48.75 K	4.76	
303-96-2227	Home and lifestyle	В	Mandalay	Female	Normal	10	1,022.49 K	973.80 K	48.69 K	4.76	
744-16-7898	Home and lifestyle	В	Mandalay	Female	Normal	10	1,022.39 K	973.70 K	48.69 K	4.76	
271-88-8734	Fashion accessories	С	Naypyitaw	Female	Member	10	1,020.71 K	972.10 K	48.61 K	4.76	
234-65-2137	Home and lifestyle	С	Naypyitaw	Male	Normal	10	1,003.59 K	955.80 K	47.79 K	4.76	
554-42-2417	Sports and travel	С	Naypyitaw	Female	Normal	10	1,002.12 K	954.40 K	47.72 K	4.76	
325-77-6186	Home and lifestyle	Α	Yangon	Female	Member	10	951.83 K	906.50 K	45.33 K	4.76	
280-17-4359	Health and beauty	С	Naypyitaw	Male	Member	10	950.25 K	905.00 K	45.25 K	4.76	
219-22-9386	Sports and travel	В	Mandalay	Male	Member	9	944.62 K	899.64 K	44.98 K	4.76	
702-83-5291	Fashion accessories	С	Naypyitaw	Male	Member	9	943.30 K	898.38 K	44.92 K	4.76	
731-81-9469	Sports and travel	С	Naypyitaw	Female	Member	10	942.90 K	898.00 K	44.90 K	4.76	
817-69-8206	Electronic accessories	В	Mandalay	Female	Normal	9	942.45 K	897.57 K	44.88 K	4.76	
393-65-2792	Food and beverages	С	Naypyitaw	Male	Normal	10	939.54 K	894.80 K	44.74 K	4.76	
751-69-0068	Sports and travel	С	Naypyitaw	Male	Normal	9	937.82 K	893.16 K	44.66 K	4.76	
066.00.7614	Food and hoverager		Managitau	Mala	Mormal	10	03 E EU K	802 NU K	44 60 K	176	

# **Insights & Recommendations**

Based on the identified business challenges, we performed a detailed analysis of sales, customer behavior, branch performance, and satisfaction metrics. The following insights and targeted recommendations are designed to directly address issues in customer understanding, operational efficiency, product and branch optimization, and service improvement.

#### **1. Understanding Customer Preferences**

#### **Insights:**

- ✓ Members generate slightly more revenue (164.22K) than normal customers (158.74K), indicating higher customer value.
- ✓ Gender split is equal (499 males, 501 females), suggesting no clear gender bias in purchasing.
- ✓ Food & Beverages and Fashion Accessories have the highest average ratings (7.1 and 7.0), reflecting strong customer preference.

#### **Recommendations:**

- •Encourage normal customers to become members via loyalty rewards to boost revenue.
- Personalize offers based on customer purchase history rather than gender.
- •Use highly rated categories as promotional flagships to attract more customers.

#### 2. Optimizing Operational Workflows

#### **Insights:**

- ✓ January (87K), April (73K), and May (63K) are peak sales months; other months underperform significantly.
- ✓ Sales across branches A, B, and C are balanced (~106K−110K), but profit varies—Mandalay has lower gross income.
- ✓ Ewallet and cash usage are nearly equal (~34%), followed by credit cards (31.2%).

#### **Recommendations:**

- •Launch targeted campaigns during low-sales months (e.g., July-December) to boost performance.
- •Investigate Mandalay's operations for inefficiencies and replicate best practices from higher-profit branches.
- Promote Ewallet with cashback/discount offers to improve speed and digital traceability.

### 3. Identifying Underperforming Products & Branches

### **Insights:**

- ✓ Health & Beauty and Home & Lifestyle receive lower customer ratings (6.8–6.9) and thinner margins.
- ✓ Mandalay shows ~5.1K gross income vs. Naypyitaw's ~5.3K with similar sales suggesting higher costs.
- ✓ Gross margin across the business is only 4.76% very tight for retail.

#### **Recommendations:**

- Review underperforming product lines for pricing, presentation, or quality improvements.
- •Conduct a branch audit in Mandalay to reduce operational costs or improve customer service.
- Explore renegotiating supplier contracts or adjusting prices to increase margin.

### 4. Improving Customer Satisfaction & Retention

### **Insights:**

- ✓ Product ratings range between 6.8 and 7.1 moderate satisfaction across categories.
- ✓ Food & Beverages consistently score highest in ratings (7.1), indicating strong product and service quality.
- ✓ Payment method patterns may correlate with satisfaction—faster methods like Ewallet could enhance experience.

#### **Recommendations:**

- •Introduce post-purchase surveys to capture feedback and improve lower-rated categories.
- Train staff based on practices in high-rated product categories like Food & Beverages.
- •Improve and promote seamless digital payment experiences to raise satisfaction.

# **Thank You**