Ralph Lauren Size Curve Forecast EDA 🔗

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📄	Out_Sales_Data_LRDP.csv 43.3MB	✕

1. Data Summary

Shape of Data (rows, columns): `(229150, 19)`

Number of Columns: `19`

Number of Unique Rows: `229150`

Missing Values per Column:

	Column	Missing Count
0	Version.[Version Name]	
1	Time.[Planning Month]	
2	Global Plan Brand.[Global Plan Brand]	
3	Region.[Region]	
4	Channel.[Channel]	
5	Global Plan L1.[Global Plan L1]	
6	Global Plan L2.[Global Plan L2]	
7	Global Plan L3.[Global Plan L3]	
8	Global Plan L4.[Global Plan L4]	
9	Item.[PPL]	

Data Types of Columns:

	Column	Data Type
9	Item.[PPL]	object
10	Evergreen.[Evergreen]	object
11	Sales (Units)	float64
12	AIR Actual ($)	float64
13	AUR Actual ($)	float64
14	Store Count Actual	int64
15	Discount Rate Actual	float64
16	Sales ($)	float64
17	ID	int64
18	Date	datetime64[ns]

Parsed Date Column Preview:

	Time.[Planning Month]	EN	Date	EN
0	FY2023 - OCTOBER		2023-10-01 00:00:00	
1	FY2023 - JUNE		2023-06-01 00:00:00	
2	FY2023 - NOVEMBER		2023-11-01 00:00:00	
3	FY2025 - AUGUST		2025-08-01 00:00:00	
4	FY2024 - JANUARY		2024-01-01 00:00:00	

2. Sample Data Preview

	Version.[Version Name]	Time.[Planning Month]	Global Plan Brand.[Global Plan Brand]	Region.[Region]	Channel.[Channel]	Global Plan L1.[Global Plan L1]	
0	CurrentWorkingView	FY2023 - OCTOBER	GOLF	AMERICAS	PFS	MENS	A
1	CurrentWorkingView	FY2023 - JUNE	GOLF	AMERICAS	PFS	MENS	A
2	CurrentWorkingView	FY2023 - NOVEMBER	GOLF	AMERICAS	PFS	MENS	A
3	CurrentWorkingView	FY2025 - AUGUST	GOLF	AMERICAS	PFS	MENS	A
4	CurrentWorkingView	FY2024 - JANUARY	GOLF	AMERICAS	PFS	MENS	A

3. Unique Value Summary by Key Dimensions

Global Plan Brand.[Global Plan Brand]: 6 unique values

Region.[Region]: 3 unique values

Channel.[Channel]: 5 unique values

Global Plan L1.[Global Plan L1]: 6 unique values

Global Plan L2.[Global Plan L2]: 13 unique values

Global Plan L3.[Global Plan L3]: 23 unique values

Global Plan L4.[Global Plan L4]: 70 unique values

Item.[PPL]: 71 unique values

Evergreen.[Evergreen]: 2 unique values

4. Evergreen vs Non-Evergreen Distribution

EVERGREEN Rows: 24605

NON EVERGREEN Rows: 204545

EVERGRE

NON EVERGRE

5. Data Horizon Check

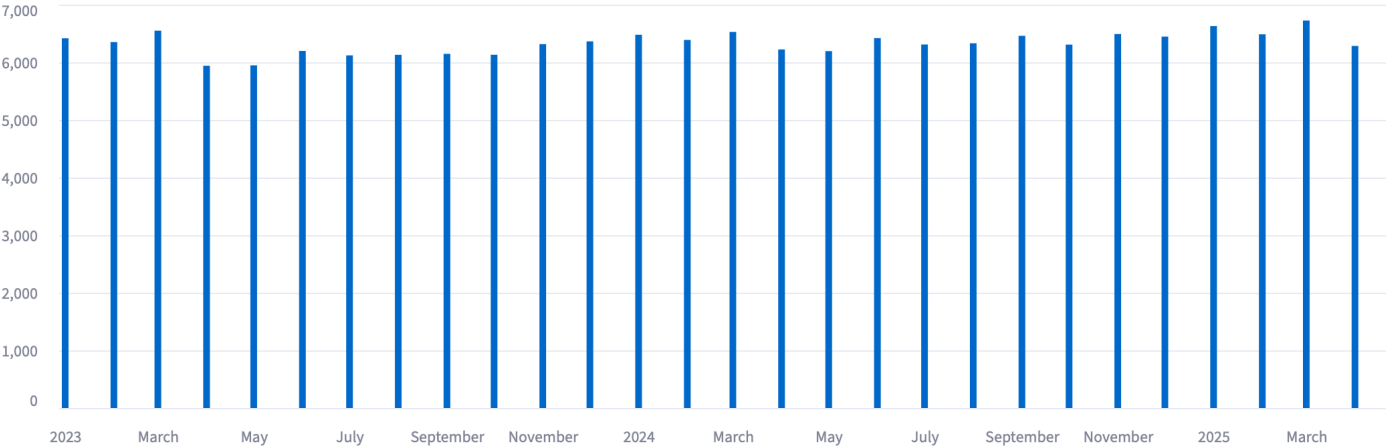Min Month (Start): `2023-01-01 00:00:00`

Max Month (End): `2025-12-01 00:00:00`

Total Unique Months Available: `36`

Duration in Months: `35`

6. Duplicate Row Check

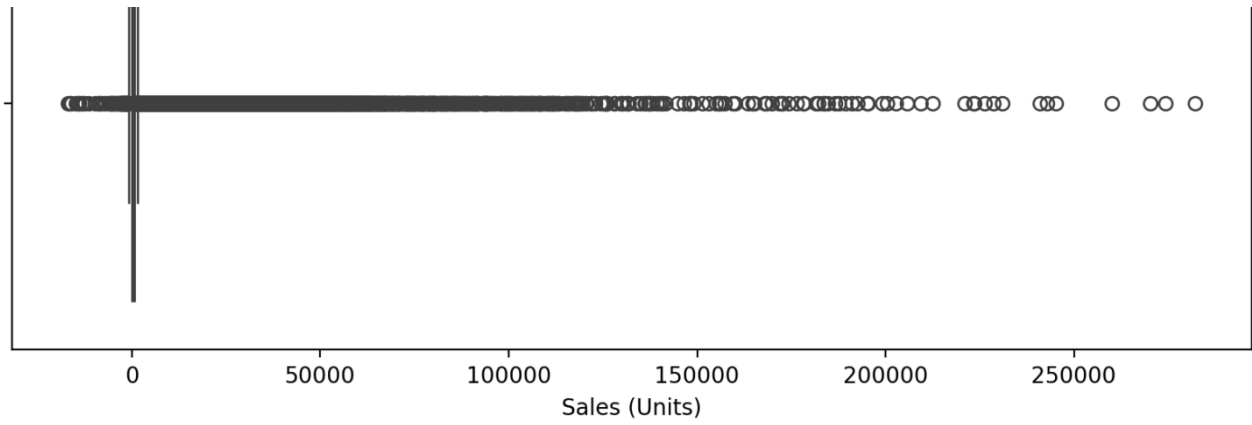Number of Duplicate Rows: `0`

7. Monthly Record Distribution

8. Zero Sales Check by Item

Top Items with Most Zero Sales:

Item.[PPL]	0
NON PPL	
LS SOLID JERSEY CN AND HOODED T-SHIRT	
SOLID BASIC FLEECE KEY MODELS	
SOLID BASIC FLEECE PANT	
SOLID QUILTED KEY MODELS	

9. Outlier Check on Sales Units

Sales (Units)

✅ Initial EDA Completed. Review insights and refine further based on modeling needs.