

1. Display Dataset

Order_Date	Time	Aging	Customer...	Gender	Device...	Customer...	Product_...	Product	Sales	Quant...	Discount	Pro
2018-01-02	10:5...	8	37077	Female	Web	Member	Auto & Acc...	Car Medi...	140	1	0.3	46
2018-07-24	20:4...	2	59173	Female	Web	Member	Auto & Acc...	Car Spe...	211	1	0.3	11
2018-11-08	08:3...	8	41066	Female	Web	Member	Auto & Acc...	Car Bod...	117	5	0.1	31
2018-04-18	19:2...	7	50741	Female	Web	Member	Auto & Acc...	Car & Bi...	118	1	0.3	26
2018-08-13	21:1...	9	53639	Female	Web	Member	Auto & Acc...	Tyre	250	1	0.3	16
2018-07-09	21:5...	8	39783	Female	Web	Member	Auto & Acc...	Bike Tyres	72	1	0.3	24
2018-05-16	13:1...	1	26767	Female	Web	Member	Auto & Acc...	Car Mat	54	1	0.3	54
2018-06-23	18:2...	7	20719	Female	Web	Member	Auto & Acc...	Car Seat...	114	5	0.2	22
2018-07-29	11:5...	7	46947	Female	Web	Member	Auto & Acc...	Car Pillo...	231	5	0.3	11
2018-05-16	19:4...	10	31839	Female	Web	Member	Auto & Acc...	Car Medi...	140	1	0.2	54

2. See first 10 rows

Order_Date	Time	Aging	Customer...	Gender	Device...	Customer...	Product_...	Product	Sales	Quant...	Discount	Pro
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3. Count total rows

total_orders
51290

4. Basic filtering

Order_Date	Customer_Id	Product	Sales
2018-08-13	53639	Tyre	250
2018-12-01	56296	Tyre	250
2018-06-08	15976	Tyre	250
2018-03-12	33501	Tyre	250
2018-04-24	30549	Tyre	250
2018-10-26	24528	Tyre	250
2018-04-30	18609	Tyre	250
2018-07-15	22734	Tyre	250
2018-11-26	26754	Tyre	250
2018-08-27	22235	Tyre	250

5. Monthly sales totals

month	total_sales
2018-01	379627
2018-02	332495
2018-03	435502
2018-04	597312
2018-05	824502
2018-06	642555
2018-07	810205
2018-08	664495
2018-09	738303
2018-10	743387

6. Sales by product category

Product_Category	total_sales	total_quantity
Fashion	4345914	66639
Home & Furniture	1975831	38190
Auto & Accessories	1096928	17593
Electronic	394738	5951

7. Top 10 products by sales

Product	total_sales
T - Shirts	578336
Titak watch	531468
Running Shoes	522144
Jeans	508376
Formal Shoes	496503
Shirts	457072
Fossil Watch	370788
Towels	351348
Sofa Covers	332424
Bed Sheets	325151

8. Average profit by category

Product_Category	avg_profit
Fashion	80.81665366918817
Auto & Accessories	64.53207195203198
Electronic	64.491151425398
Home & Furniture	57.00601761886255

9. Customers who bought the most

Customer_Id	total_spent
87989	994
35324	949
79016	935
10436	929
51093	927
16997	925
80884	904
97843	903
95831	894
37805	890

10. Customers with the least discount purchases

Customer_Id
41066
22249
34138
51112
14449
14567
27385
42084
12227
24528

11. Best-selling product per category

Customer_Id
41066
22249
34138
51112
14449
14567
27385
42084
12227
24528

12. Sales by payment method

Payment_method	total_sales	total_orders
credit_card	5819379	38137
money_order	1461269	9629
e_wallet	422750	2789
debit_card	109979	734
not_defined	34	1

13. Profit margin by category

Product_Category	profit_margin_percent
Fashion	47.69
Home & Furniture	44.54
Auto & Accessories	44.15
Electronic	44.13

14. High-priority orders

Order_Date	Product	Sales	Order_Priority
2018-12-01	Tyre	250	High
2018-06-08	Tyre	250	High
2018-07-15	Tyre	250	High
2018-05-14	Tyre	250	High
2018-06-28	Tyre	250	High
2018-04-26	Tyre	250	High
2018-04-24	Tyre	250	High
2018-08-06	Tyre	250	High
2018-12-14	Tyre	250	High
2018-09-17	Tyre	250	High
2018-07-24	Tyre	250	High