

100 %

RETRIEVING DATA OF SALES FROM DATABASE

Results Messages

	ORDERNUMBER	QUANTITYORDERED	PRICEEACH	ORDERLINENUMBER	SALES	ORDERDATE	STATUS	QTR_ID	MONTH_ID	YEAR_ID	PRODUCTLINE	MSRP	PRODUCTCODE	CUST
1	10107	30	95.6999969482422	2	2871	2003-02-24 00:00:00.0000000	Shipped	1	2	2003	Motorcycles	95	S10_1678	Land
2	10121	34	81.3499984741211	5	2765.89990234375	2003-05-07 00:00:00.0000000	Shipped	2	5	2003	Motorcycles	95	S10_1678	Reim
3	10134	41	94.7399978637695	2	3884.34008789063	2003-07-01 00:00:00.0000000	Shipped	3	7	2003	Motorcycles	95	S10_1678	Lyon
4	10145	45	83.2600021362305	6	3746.69995117188	2003-08-25 00:00:00.0000000	Shipped	3	8	2003	Motorcycles	95	S10_1678	Toys4
5	10159	49	100	14	5205.27001953125	2003-10-10 00:00:00.0000000	Shipped	4	10	2003	Motorcycles	95	S10_1678	Corpe
6	10168	36	96.6600036621094	1	3479.76000976563	2003-10-28 00:00:00.0000000	Shipped	4	10	2003	Motorcycles	95	S10_1678	Techr
7	10180	29	86.129997253418	9	2497.77001953125	2003-11-11 00:00:00.0000000	Shipped	4	11	2003	Motorcycles	95	S10_1678	Daed
8	10188	48	100	1	5512.31982421875	2003-11-18 00:00:00.0000000	Shipped	4	11	2003	Motorcycles	95	S10_1678	Herkl

	status
1	Resolved
2	On Hold
3	Cancelled
4	Shipped
5	Disputed
6	In Proce...

	year_id
1	2004
2	2005
3	2003

CHECKING FOR UNIQUE VALUES IN EACH DATA FIELDS :
STATUS, YEAR_ID, PRODUCTLINE, COUNTRY, DEALSIZE, TERRITORY,
MONTH_ID USING DISTINCT.

	PRODUCTLINE
1	Trains
2	Motorcycles
3	Ships
4	Trucks and Bu...
5	Vintage Cars
6	Classic Cars
7	Planes

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	COUNTRY
8	Sweden
9	Austria
10	UK
11	Canada
12	Ireland
13	Norway
14	France
15	Belgium

	DEALSIZE
1	Large
2	Medium
3	Small

	TERRITORY
1	EMEA
2	APAC
3	Japan
4	NA

	MONTH_ID
5	7
6	1
7	10
8	4
9	5
10	2
11	11
12	8

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	PRODUCTLINE	Revenue
1	Classic Cars	3919615.6607666
2	Vintage Cars	1903150.83557129
3	Motorcycles	1166388.3392334
4	Trucks and Bu...	1127789.84326172
5	Planes	975003.571350098
6	Ships	714437.130126953
7	Trains	226243.468994141

GROUPING SALES BY PRODUCTLINE

	YEAR_ID	Revenue
1	2004	4724162.59338379
2	2003	3516979.54724121
3	2005	1791486.7086792

	DEALSIZE	Revenue
1	Medium	6087432.23974609
2	Small	2643077.34881592
3	Large	1302119.26074219

	MONTH_ID	Revenue	Frequency
1	11	1089048.00762939	301
2	10	552924.250793457	159
3	8	461501.267944336	133
4	12	372802.658325195	110
5	7	327144.090942383	91
6	9	320750.908569336	95
7	1	316577.418762207	91
8	2	311419.530029297	86

RETRIVING BEST MONTHS FOR SALES IN SPECIFIC YEAR AND ITS REVENUE.

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	MONTH_ID	PRODUCTLINE	Revenue	(No column name)
1	11	Classic Cars	372231.88861084	105
2	11	Vintage Cars	233990.33984375	65
3	11	Motorcycles	151711.85949707	39
4	11	Trucks and Bu...	123811.140014...	29
5	11	Planes	121130.700073...	36
6	11	Ships	63900.8498535...	21
7	11	Trains	22271.2297363...	6

IF BEST MONTH OF SALES IS MONTH_ID:11 THEN, RETRIVING DATA OF WHAT PRODUCTS WERE SOLD IN THIS PERIOD.

	CUSTOMERNAME	rfm_recency	rfm_frequency	rfm_monetary	rfm_segment
6	Bavarian Collecta...	1	1	1	lost_customers
7	Double Decker Gi...	1	1	1	lost_customers
8	Cambridge Collec...	1	1	1	lost_customers
9	West Coast Colle...	1	1	1	lost_customers
10	Men 'R' US Retail...	1	1	1	lost_customers
11	CAF Imports	1	1	1	lost_customers
12	Signal Collectible...	1	1	1	lost_customers
13	Mini Auto Werke	3	1	1	new customers

EVALUATING AND REITRIEVING DATA FOR THE BEST CUSTOMER USING CONCEPT OF RFM (RECENCY, MONETARY)

	OrderNumber	ProductCodes
2	10233	S24_3151,S700_1138,S700_2610
3	10335	S24_2840,S32_1268,S32_2509
4	10213	S18_4409,S18_4933,S24_2887
5	10166	S18_3140,S18_4522,S700_1938
6	10392	S18_2957,S18_3136,S18_3320
7	10366	S18_1984,S18_2870,S18_3232
8	10338	S18_1662,S18_3029,S18_3856
9	10365	S18_1129,S32_4485,S50_4713

RETRIEVING DATA FOR WHICH PRODUCT WAS SOLD MOSTLY TOGETHER.

	city	Revenue
1	Manchester	157807.809631348
2	London	124823.539794922
3	Liverpool	118008.26965332
4	Cowes	78240.83984375

CITY HAVING HIGHTEST NUMBER OF SALES IN SPECIFIED COUNTRY (COUNTRY = UK)

	country	YEAR_ID	PRODUCTLINE	Revenue
1	USA	2004	Classic Cars	560448.257507324
2	USA	2003	Classic Cars	558544.09173584
3	USA	2004	Vintage Cars	301982.349304199
4	USA	2004	Motorcycles	287243.089233398
5	USA	2003	Vintage Cars	266141.820068359
6	USA	2004	Trucks and Bu...	230219.170288086
7	USA	2005	Classic Cars	225645.869384766
8	USA	2005	Vintage Cars	189631.72869873

RETRIEVING DATA FOR WHICH IS THE BEST PRODUCT IN
USA BASED ON REVENUE