Adidas Sales SQL QUERIES

1.Total Revenue

```sql
select SUM(total_sales) as Total_Revenue from Adidas_sales_Project;
```

	Total_Revenue
1	899902125

2.Total Quantity Sold

```sql
select sum(Units_Sold) as QTY_sold from Adidas_sales_Project;
```

	QTY_sold
1	2478861

3.Average Order Value

```sql
select sum(Total_Sales) / sum(Units_Sold) as avg_order_value from Adidas_sales_Project;
```

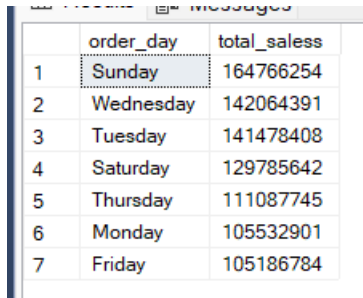|	avg_order_value
1	363

4.Day wise total order

```sql
select DATENAME(DW,invoice_date) as order_day,sum(units_sold) as total_orders
from Adidas_sales_Project
group by DATENAME(DW,invoice_date)
order by total_orders desc;
```

	order_day	total_orders
1	Sunday	398007
2	Wednesday	385239
3	Tuesday	380953
4	Saturday	357645
5	Friday	322241
6	Monday	319246
7	Thursday	315530

5.Day wise Total Sales

```sql
select DATENAME(DW,invoice_date) as order_day,sum(Total_Sales) as total_saless
from Adidas_sales_Project
group by DATENAME(DW,invoice_date)
order by total_saless desc;
```

	order_day	total_saless
1	Sunday	164766254
2	Wednesday	142064391
3	Tuesday	141478408
4	Saturday	129785642
5	Thursday	111087745
6	Monday	105532901
7	Friday	105186784

6. Month wise total order

```sql
select DATENAME(YEAR,invoice_date) as order_year,DATENAME(MONTH,invoice_date) as order_month,sum(Units_Sold) as total_order
from Adidas_sales_Project
group by DATENAME(YEAR,invoice_date),DATENAME(MONTH,invoice_date)
order by order_year,total_order desc;
```

	order_year	order_month	total_order
1	2020	January	130460
2	2020	February	82275
3	2020	July	76260
4	2020	March	56360
5	2020	September	50370
6	2020	April	47410
7	2020	August	47260
8	2020	May	43850
9	2020	November	41240
10	2020	December	29930
11	2020	June	26600
12	2020	October	24915
13	2021	January	348625
14	2021	February	344870
15	2021	April	201957
16	2021	March	199135
17	2021	October	125851
18	2021	November	109490
19	2021	May	96812
20	2021	August	91320
21	2021	July	86033
22	2021	June	83287
23	2021	December	79232
24	2021	September	55319

7..Month wise total sales

```sql
select DATENAME(YEAR,invoice_date) as order_year,DATENAME(MONTH,invoice_date) as
order_month,sum(Total_Sales) as total_saless
from Adidas_sales_Project
group by DATENAME(YEAR,invoice_date),DATENAME(MONTH,invoice_date)
order by order_year,total_saless desc;
```

	order_year	order_month	total_saless
1	2020	January	64215500
2	2020	February	46856250
3	2020	July	45156250
4	2020	May	27803750
5	2020	April	26111500
6	2020	March	25847000
7	2020	August	21913500
8	2020	September	20930500
9	2020	November	20272750
10	2020	December	17450500
11	2020	June	17318750
12	2020	October	8391250
13	2021	January	188876250
14	2021	February	166459500
15	2021	April	86812354
16	2021	March	83825250
17	2021	October	5099023
18	2021	May	5063161
19	2021	November	4211331
20	2021	June	4102546
21	2021	July	4096933
22	2021	August	3947939
23	2021	December	2801576
24	2021	September	2338762

8.Total order and Total Sales By Region

```sql
select Region,SUM(units_sold) as total_order,SUM(Total_Sales) as total_sale
from Adidas_sales_Project
group by Region
order by total_sale desc,total_order desc;
```

	Region	total_order	total_sale
1	West	686985	269943182
2	Northeast	501279	186324067
3	Southeast	407000	163171236
4	South	492260	144663181
5	Midwest	391337	135800459

9. Total order and Total Sales By Product

```sql
select Product,SUM(units_sold) as total_order,SUM(Total_Sales) as total_sale
from Adidas_sales_Project
group by Product
order by total_sale desc,total_order desc;
```

	Product	total_order	total_sale
1	Men's Street Footwear	593320	208826244
2	Women's Apparel	433827	179038860
3	Men's Athletic Footwear	435526	153673680
4	Women's Street Footwear	392269	128002813
5	Men's Apparel	306683	123728632
6	Women's Athletic Footwear	317236	106631896

10. Total order and Total Sales By Sales method

```sql
select Sales_Method,SUM(units_sold) as total_order,SUM(Total_Sales) as total_sale
from Adidas_sales_Project
group by Sales_Method
order by total_sale desc,total_order desc;
```

	Sales_Method	total_order	total_sale
1	In-store	689990	356643750
2	Outlet	849778	295585493
3	Online	939093	247672882

11. Total order and Total Sales By Retailer

```sql
select Retailer,SUM(units_sold) as total_order,SUM(Total_Sales) as total_sale
from Adidas_sales_Project
group by Retailer
order by total_sale desc,total_order desc;
```

	Retailer	total_order	total_sale
1	West Gear	625262	242964333
2	Foot Locker	604369	220094720
3	Sports Direct	557640	182470997
4	Kohl's	287375	102114753
5	Amazon	197990	77698912
6	Walmart	206225	74558410

12.Top 5 state by Total Sales

```sql
select top 5 State ,sum(Total_Sales) as total_sale
from Adidas_sales_Project
group by State
order by total_sale desc
```

	State	total_sale
1	New York	64229039
2	California	60174133
3	Florida	59283714
4	Texas	46359746
5	South Carolina	29285637

13.Top 5 State by Total Quantity sold

```sql
select top 5 State ,sum(Units_Sold) as total_order
from Adidas_sales_Project
group by State
order by total_order desc
```

	State	total_order
1	New York	169140
2	California	163284
3	Texas	159500
4	Florida	133430
5	South Carolina	72610

14.Bottom 5 State by total Quantity Sales

```sql
select top 5 State ,sum(Units_Sold) as total_order
from Adidas_sales_Project
group by State
order by total_order ;
```

	State	total_order
1	Nebraska	19154
2	Maryland	20818
3	Minnesota	20838
4	Maine	22410
5	North Dakota	22781

15.Bottom 5 state by total Sales

```sql
select top 5 State ,sum(Total_Sales) as total_sale
from Adidas_sales_Project
group by State
order by total_sale
```

	State	total_sale
1	Nebraska	5929038
2	Minnesota	7378068
3	Iowa	7424011
4	Wisconsin	7727469
5	North Dakota	7735580

16. Top 5 total sales by state and city

```
select top 5 State,City ,sum(Total_Sales) as total_sale
from Adidas_sales_Project
group by State,City
order by total_sale desc;
```

	State	City	total_sale
1	New York	New York	39801235
2	California	San Francisco	34539220
3	Florida	Miami	31600863
4	South Carolina	Charleston	29285637
5	Florida	Orlando	27682851

17.Bottom 5 total order by state and city

```
select top 5 State,City ,sum(Total_Sales) as total_sale
from Adidas_sales_Project
group by State,City
order by total_sale ;
```

	State	City	total_sale
1	Nebraska	Omaha	5929038
2	Minnesota	Minneapolis	7378068
3	Iowa	Des Moines	7424011
4	Wisconsin	Milwaukee	7727469
5	North Dakota	Fargo	7735580

```
select * from Adidas_sales_Project;
```

	Retailer	Retailer_ID	Invoice_Date	Period	Region	State	City	Product	Price_per_Unit	Units_Sold	Total_Sales	Operating_Profit	Operating_Margin	Sales_Method
1	Foot Locker	1185732	2020-01-01	Jan-20	Northeast	New York	New York	Men's Street Footwear	50	1200	600000	300000	50%	In-store
2	Foot Locker	1185732	2020-01-01	Jan-20	Northeast	New York	New York	Men's Athletic Footwear	50	1000	500000	150000	30%	In-store
3	Foot Locker	1185732	2020-01-01	Jan-20	Northeast	New York	New York	Women's Street Footwear	40	1000	400000	140000	35%	In-store
4	Foot Locker	1185732	2020-01-01	Jan-20	Northeast	New York	New York	Women's Athletic Footwear	45	850	382500	133875	35%	In-store
5	Foot Locker	1185732	2020-01-01	Jan-20	Northeast	New York	New York	Men's Apparel	60	900	540000	162000	30%	In-store
6	Foot Locker	1185732	2020-01-01	Jan-20	Northeast	New York	New York	Women's Apparel	50	1000	500000	125000	25%	In-store
7	Foot Locker	1185732	2020-01-02	Jan-20	Northeast	New York	New York	Men's Street Footwear	50	1250	625000	312500	50%	In-store
8	Foot Locker	1185732	2020-01-02	Jan-20	Northeast	New York	New York	Men's Athletic Footwear	50	900	450000	135000	30%	Outlet
9	Foot Locker	1185732	2020-01-02	Jan-20	Northeast	New York	New York	Women's Street Footwear	40	950	380000	133000	35%	Outlet
10	Foot Locker	1185732	2020-01-02	Jan-20	Northeast	New York	New York	Women's Athletic Footwear	45	825	371250	129938	35%	Outlet
11	Foot Locker	1185732	2020-01-02	Jan-20	Northeast	New York	New York	Men's Apparel	60	900	540000	162000	30%	Outlet
12	Foot Locker	1185732	2020-01-02	Jan-20	Northeast	New York	New York	Women's Apparel	50	1000	500000	125000	25%	Outlet
13	Foot Locker	1185732	2020-01-03	Jan-20	Northeast	New York	New York	Men's Street Footwear	50	1220	610000	305000	50%	Outlet
14	Foot Locker	1185732	2020-01-03	Jan-20	Northeast	New York	New York	Men's Athletic Footwear	50	925	462500	138750	30%	Outlet
15	Foot Locker	1185732	2020-01-03	Jan-20	Northeast	New York	New York	Women's Street Footwear	40	950	380000	133000	35%	Outlet
16	Foot Locker	1185732	2020-01-03	Jan-20	Northeast	New York	New York	Women's Athletic Footwear	45	800	360000	126000	35%	Outlet
17	Foot Locker	1185732	2020-01-03	Jan-20	Northeast	New York	New York	Men's Apparel	60	850	510000	153000	30%	Outlet
18	Foot Locker	1185732	2020-01-03	Jan-20	Northeast	New York	New York	Women's Apparel	50	950	475000	118750	25%	Outlet
19	Foot Locker	1185732	2020-01-04	Jan-20	Northeast	New York	New York	Men's Street Footwear	50	1200	600000	300000	50%	Outlet
20	Foot Locker	1185732	2020-01-04	Feb-20	Northeast	New York	New York	Men's Athletic Footwear	50	900	450000	135000	30%	Outlet
21	Foot Locker	1185732	2020-01-04	Feb-20	Northeast	New York	New York	Women's Street Footwear	40	900	360000	126000	35%	Outlet
22	Foot Locker	1185732	2020-01-04	Feb-20	Northeast	New York	New York	Women's Athletic Footwear	45	825	371250	129938	35%	Outlet
23	Foot Locker	1185732	2020-01-04	Feb-20	Northeast	New York	New York	Men's Apparel	60	825	495000	148500	30%	Outlet
24	Foot Locker	1185732	2020-01-04	Feb-20	Northeast	New York	New York	Women's Apparel	50	950	475000	118750	25%	Outlet
25	Foot Locker	1185732	2020-01-05	Feb-20	Northeast	New York	New York	Men's Street Footwear	60	1220	732000	366000	50%	Outlet
26	Foot Locker	1185732	2020-01-05	Feb-20	Northeast	New York	New York	Men's Athletic Footwear	55	925	508750	152625	30%	Outlet
27	Foot Locker	1185732	2020-01-05	Feb-20	Northeast	New York	New York	Women's Street Footwear	50	900	450000	157500	35%	Outlet