

TOP Customer

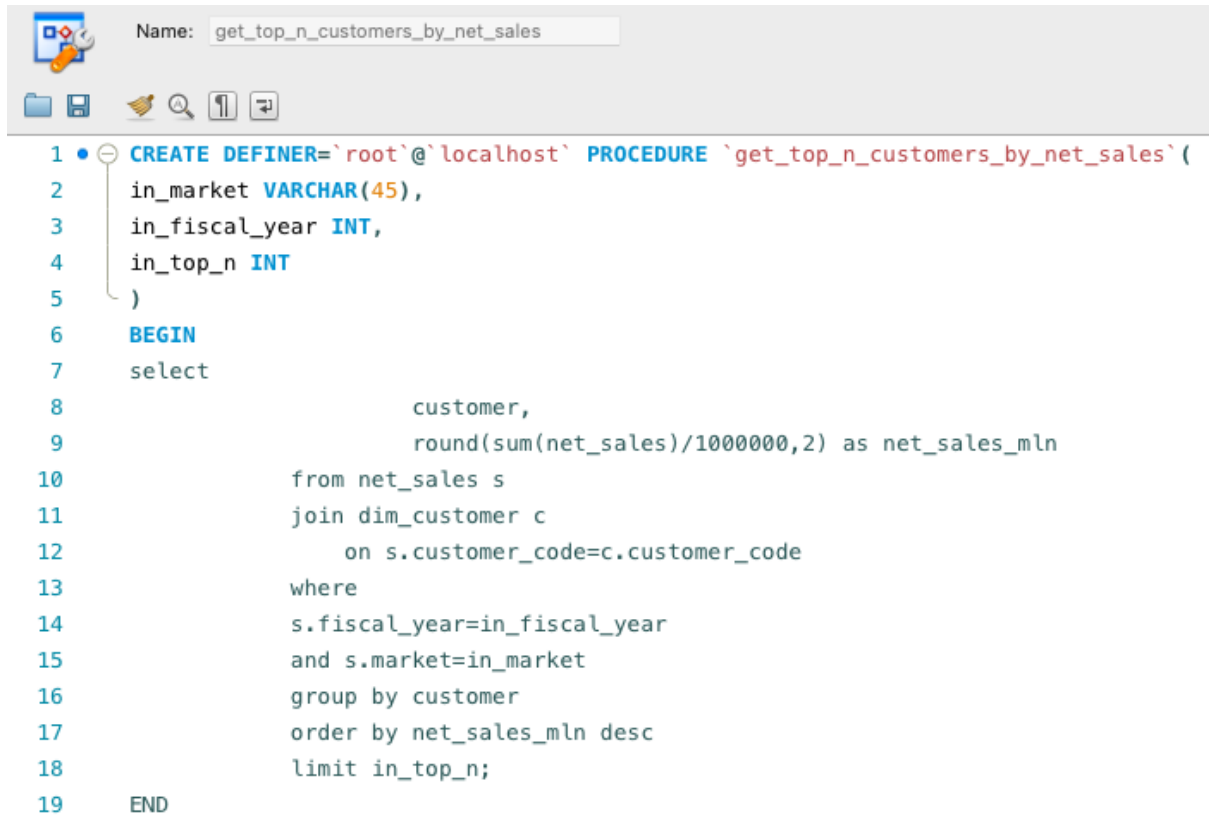
1.Top 5 Customer in market fiscal year 2021

```
SELECT c.customer,round(sum(net_sales)/1000000,2) as net_sales_mln
FROM net_sales n
JOIN dim_customer c
ON n.customer_code =c.customer_code
WHERE fiscal_year=2021
GROUP BY customer
ORDER BY net_sales_mln desc
LIMIT 5;
```

	customer	net_sales_mln
▶	Amazon	109.03
▶	Atliq Exclusive	79.92
▶	Atliq e Store	70.31
▶	Sage	27.07
▶	Flipkart	25.25

2.Stored procedure that takes market, fiscal_year and top n as an input and returns top n customers by net sales in that given fiscal year and market

```
CREATE PROCEDURE `get_top_n_customers_by_net_sales` (
  in_market VARCHAR(45),
  in_fiscal_year INT,
  in_top_n INT
)
BEGIN
  select
    customer,
    round(sum(net_sales)/1000000,2) as net_sales_mln
  from net_sales s
  join dim_customer c
  on s.customer_code=c.customer_code
  where
    s.fiscal_year=in_fiscal_year
    and s.market=in_market
  group by customer
  order by net_sales_mln desc
  limit in_top_n;
END
```



The screenshot shows a SQL IDE window with a toolbar at the top and a text area containing SQL code. The toolbar includes icons for file operations (new, open, save, delete), a search icon, a refresh icon, and a run icon. The text area shows the following SQL code:

```
1 • CREATE DEFINER=`root`@`localhost` PROCEDURE `get_top_n_customers_by_net_sales` (  
2     in_market VARCHAR(45),  
3     in_fiscal_year INT,  
4     in_top_n INT  
5 )  
6 BEGIN  
7     select  
8         customer,  
9         round(sum(net_sales)/1000000,2) as net_sales_mln  
10    from net_sales s  
11   join dim_customer c  
12      on s.customer_code=c.customer_code  
13  where  
14      s.fiscal_year=in_fiscal_year  
15     and s.market=in_market  
16  group by customer  
17  order by net_sales_mln desc  
18  limit in_top_n;  
19 END
```

3. Find out customer wise net sales percentage contribution

```
with cte1 as (  
    select  
        customer,  
        round(sum(net_sales)/1000000,2) as net_sales_mln  
    from net_sales s  
    join dim_customer c  
        on s.customer_code=c.customer_code  
    where s.fiscal_year=2021  
    group by customer)  
select  
    *,  
    net_sales_mln*100/sum(net_sales_mln) over() as pct_net_sales  
from cte1  
order by net_sales_mln desc
```

	customer	net_sales_mln	pct_net_sal...
▶	Amazon	109.03	13.233402
	Atliq Exclusive	79.92	9.700206
	Atliq e Store	70.31	8.533803
	Sage	27.07	3.285593
	Flipkart	25.25	3.064692
	Leader	24.52	2.976089
	Neptune	21.01	2.550067
	Ebay	19.88	2.412914
	Electricalsocity	16.25	1.972327
	Synthetic	16.10	1.954121
	Electricalslytical	15.64	1.898289
	Acclaimed St...	14.32	1.738075
	Propel	14.14	1.716228

4. Find customer wise net sales distribution per region for FY 2021

```

with cte1 as (
    select
        c.customer,
        c.region,
        round(sum(net_sales)/1000000,2) as net_sales_mln
    from gdb0041.net_sales n
    join dim_customer c
        on n.customer_code=c.customer_code
    where fiscal_year=2021
    group by c.customer, c.region)
select
    *,
    net_sales_mln*100/sum(net_sales_mln) over (partition by region) as
pct_share_region
from cte1
order by region, pct_share_region desc

```

	customer	region	net_sales_mln	pct_share_regi...
▶	Amazon	APAC	57.41	12.988688
▢	Atliq Exclusive	APAC	51.58	11.669683
	Atliq e Store	APAC	36.97	8.364253
▢	Leader	APAC	24.52	5.547511
	Sage	APAC	22.85	5.169683
▢	Neptune	APAC	21.01	4.753394
	Electricalsociety	APAC	16.25	3.676471
▢	Propel	APAC	14.14	3.199095
	Synthetic	APAC	14.14	3.199095
▢	Flipkart	APAC	12.96	2.932127
	Novus	APAC	12.91	2.920814
▢	Expression	APAC	12.90	2.918552
	Girias	APAC	11.30	2.556561