

TOP MARKET

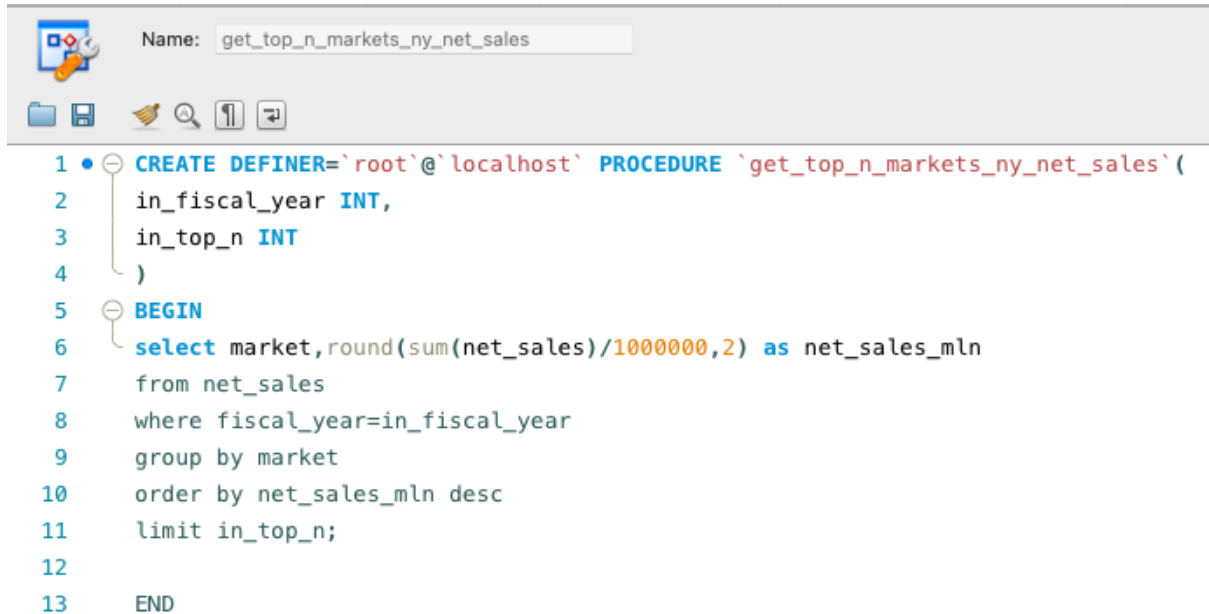
1. Get top 5 market by net sales in fiscal year 2021

```
SELECT
    market,
    round(sum(net_sales)/1000000,2) as net_sales_mln
FROM gdb0041.net_sales
where fiscal_year=2021
group by market
order by net_sales_mln desc
limit 5
```

	market	net_sales_mln
▶	India	210.67
	USA	132.05
	South Korea	64.01
	Canada	45.89
	United Kingdom	44.73

2. Stored proc to get top n markets by net sales for a given year

```
CREATE PROCEDURE `get_top_n_markets_by_net_sales` (
    in_fiscal_year INT,
    in_top_n INT
)
BEGIN
    SELECT
        market,
        round(sum(net_sales)/1000000,2) as net_sales_mln
    FROM net_sales
    where fiscal_year=in_fiscal_year
    group by market
    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, close), 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_markets_ny_net_sales` (  
2   in_fiscal_year INT,  
3   in_top_n INT  
4 )  
5 BEGIN  
6   select market,round(sum(net_sales)/1000000,2) as net_sales_mln  
7   from net_sales  
8   where fiscal_year=in_fiscal_year  
9   group by market  
10  order by net_sales_mln desc  
11  limit in_top_n;  
12  
13  END
```

3.Retrieve the top 2 markets in every region by their gross sales amount in FY=2021.

```
with cte1 as (  
    select  
        c.market,  
        c.region,  
        round(sum(sold_quantity)/1000000,2) as gross_sales_mln  
    from fact_sales_monthly s  
    join dim_customer c  
    on c.customer_code=s.customer_code  
    where fiscal_year=2021  
    group by market,region  
    order by gross_sales_mln desc  
),  
cte2 as (  
    select *,  
    dense_rank() over(partition by region order by gross_sales_mln  
desc) as drnk  
    from cte1  
)  
select * from cte2 where drnk<=2;
```

	market	region	gross_sales_mln	drnk
▶	India	APAC	13.75	1
	South Korea	APAC	3.95	2
	United Kingdom	EU	2.35	1
	France	EU	2.05	2
	Mexico	LATAM	0.07	1
	Brazil	LATAM	0.07	1
	Chile	LATAM	0.05	2
	USA	NA	7.95	1
	Canada	NA	2.70	2