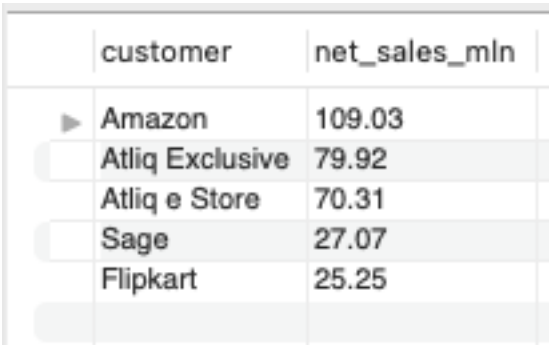
TOP Customer

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
```


```
CREATE DEFINER=`root`@`localhost` 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
```

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 distibution 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
Electricalsocity	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