1. Provide the list of markets in which customer "Atliq Exclusive" operates its business in the APAC region.

-select customer,market from dim\_customer where region='apac' and customer='atliq exclusive';

1. What is the percentage of unique product increase in 2021 vs. 2020?

-select fiscal\_year ,count(product\_code) as unique\_products,count(product\_code)\*100/

(select count(product\_code) from fact\_gross\_price)as percentage\_chg

from fact\_gross\_price group by fiscal\_year;

1. Provide a report with all the unique product counts for each segment and sort them in descending order of product counts.

-select count(product\_code) as product\_count,segment from

dim\_product group by segment order by product\_count desc;

1. Get the products that have the highest and lowest manufacturing costs.

-select product, max(manufacturing\_cost) as lowest\_manufacturing\_cost from

fact\_manufacturing\_cost as f inner join dim\_product as d on f.product\_code=d.product\_code

group by product order by lowest\_manufacturing\_cost asc limit 1;

1. Generate a report which contains the top 5 customers who received an average high pre\_invoice\_discount\_pct for the fiscal year 2021 and in the Indian market.

-select customer,avg(pre\_invoice\_discount\_pct) as avg\_pre\_invoice\_discount

from dim\_customer as d inner join fact\_pre\_invoice\_deductions as f on d.customer\_code=

f.customer\_code where fiscal\_year='2021' and market='India'

group by customer order by avg\_pre\_invoice\_discount desc limit 5;

1. Which channel helped to bring more gross sales in the fiscal year 2021 and the percentage of contribution?

-select channel,sum(gross\_price\*sold\_quantity) as gross\_sales,sum(gross\_price\*sold\_quantity)\*100/

(select sum(gross\_price\*sold\_quantity) from dim\_customer as d inner join

fact\_sales\_monthly as f on d.customer\_code=f.customer\_code inner join fact\_gross\_price as g

on g.product\_code=f.product\_code) as percentage from dim\_customer as d inner join

fact\_sales\_monthly as f on d.customer\_code=f.customer\_code inner join fact\_gross\_price as g

on g.product\_code=f.product\_code group by channel order by gross\_sales desc ;

1. Get the Top 3 products in each division that have a high total\_sold\_quantity in the fiscal\_year 2021?

-select product,division,sold\_quantity as sold\_quantity from dim\_product as d inner join

fact\_sales\_monthly as f on d.product\_code=f.product\_code

where fiscal\_year='2021' and division='N & S' order by sold\_quantity desc limit 3 ;