

# SQL Queries

## Atliq Hardwares

### Finance Analytics Project

**#1Q.create report than contains Month,product name,variant**

**#sold quantity,gross price per item,gross price total**

```
SELECT monthname(s.date) as month,p.product,p.variant,s.sold_quantity,  
round(g.gross_price,2) as gross_price,  
round(s.sold_quantity * g.gross_price,2) as gross_price_total  
FROM fact_sales_monthly s  
join dim_product p  
using (product_code)  
join fact_gross_price g  
on g.product_code = s.product_code and g.fiscal_year = get_fiscal_year(s.date)  
where  
customer_code = 90002002  
and get_fiscal_year(date) = 2021  
order by date asc  
limit 1000000;
```

**# 2Q.total gross price per date**

```
SELECT monthname(s.date) as month,  
round(sum(s.sold_quantity * g.gross_price),2) as gross_price_total  
FROM fact_sales_monthly s  
join fact_gross_price g  
on g.product_code = s.product_code and g.fiscal_year = get_fiscal_year(s.date)
```

where

customer\_code = 90002002

group by s.date

order by date asc;

### # 3Q.total gross price per FY

select g.fiscal\_year,

round(sum(s.sold\_quantity \* g.gross\_price)/1000000,2) as  
"gross\_price\_total(in mln)"

from fact\_sales\_monthly s

join fact\_gross\_price g

on s.product\_code = g.product\_code

and get\_fiscal\_year(s.date) = g.fiscal\_year

where

customer\_code = 90002002

group by g.fiscal\_year;