Assignment - SQL (Group by)

1. Write a query to Calculate the total quantity purchased by each customer per market_date

   ```
   select market_date,customer_id,sum(quantity) as qty
   from `farmers_market.customer_purchases`
   group by market_date,customer_id
   order by market_date
   ```

2. Write a query to find how many different kinds of products were purchased by each customer on each market_date?

   ```
   select market_date,customer_id,count(distinct product_id) as dist_products
   from `farmers_market.customer_purchases`
   group by market_date,customer_id
   order by market_date
   ```

3. Write a query to Find out the average sales happened per vendor on each market date

   ```
   select market_date,vendor_id,avg(quantity*cost_to_customer_per_qty) as avg_sales_vendor
   from `farmers_market.customer_purchases`
   group by market_date,vendor_id
   order by market_date
   ```

4. Write a query to find out the maximum and minimum quantities sold overall

   ```
   select market_date,max(quantity) as max_qty,min(quantity) as min_qty
   from `farmers_market.customer_purchases`
   group by market_date
   order by market_date
   ```