# Find all the products from the product table which don’t have sizes mentioned.

```
SELECT *

FROM product

WHERE product_size IS NULL

    OR

       TRIM(product_size) = ""
```

# Analyse purchases made at the market on days when it rained

Subquery

```
SELECT *
FROM `farmers_market.customer_purchases`
WHERE market_date IN (SELECT market_date
 FROM `farmers_market.market_date_info`
 WHERE market_rain_flag = 1)
```

# List down all the product details where product_category_name contains “Fresh” in it.

```sql
SELECT *
FROM `farmers_market.product`
WHERE product_category_id IN (SELECT product_category_id
 FROM `farmers_market.product_category`
 WHERE LOWER(product_category_name) LIKE "%fresh%")
```

# Find out which vendors primarily sell fresh products and which don’t.

Add “Fresh produce”

“Other”

```
SELECT
 vendor_id,
 vendor_name,
 vendor_type,
 CASE
   WHEN LOWER(vendor_type) LIKE "%fresh%"
   THEN 1
   ELSE 0
 END AS category
FROM `farmers_market.vendor`
```

## Put the total cost to customer purchases into bins of

- under $5.00,
- $5.00–$9.99,
- $10.00–$19.99, or
- $20.00 and over.

```
SELECT
 market_date,
 customer_id,
 quantity,
 cost_to_customer_per_qty,
 CASE
   WHEN quantity * cost_to_customer_per_qty < 5
   THEN "Under $5"
   WHEN quantity * cost_to_customer_per_qty BETWEEN 5 AND 9.99
   THEN "$5 - $9.99"
   WHEN quantity * cost_to_customer_per_qty BETWEEN 10 AND 19.99
   THEN "$10 - $19.99"
   ELSE "Above $20"
 END AS price_bin
FROM `farmers_market.customer_purchases`
```