

Question 1

```
SELECT id, country_name, CAST(date_local as datetime) AS date_local, vendor_id, customer_id, gm_v_local
FROM Orders
WHERE country_name='Taiwan';
```

Question 2

```
SELECT country_name, ROUND(SUM(gm_v_local),2) AS total_gmv
FROM Orders
GROUP BY country_name;
```

Question 3

```
WITH temp AS
(SELECT country_name AS country_name, vendor_name, total_gmv, DENSE_RANK() OVER(PARTITION BY
country_name ORDER BY total_gmv DESC ) Rank
FROM (SELECT Orders.country_name AS country_name, vendor_name, ROUND(SUM(gm_v_local),2) AS total_gmv
FROM Orders
JOIN Vendors
ON Orders.vendor_id=Vendors.id
GROUP BY country_name, Vendors.vendor_name)
ORDER BY country_name)
SELECT country_name, vendor_name, total_gmv FROM temp WHERE Rank=1;
```

Question 4

```
WITH temp AS
(SELECT year, country_name AS country_name, vendor_name, total_gmv, DENSE_RANK() OVER(PARTITION BY
year, country_name ORDER BY total_gmv DESC ) Rank
FROM (SELECT EXTRACT(year FROM date_local) AS year, Orders.country_name AS country_name, vendor_name,
ROUND(SUM(gm_v_local),2) AS total_gmv
FROM Orders
JOIN Vendors
ON Orders.vendor_id=Vendors.id
GROUP BY year, country_name, Vendors.vendor_name)
ORDER BY country_name)
SELECT year, country_name, vendor_name, total_gmv FROM temp WHERE Rank<=2 ORDER BY year, country_name;
```