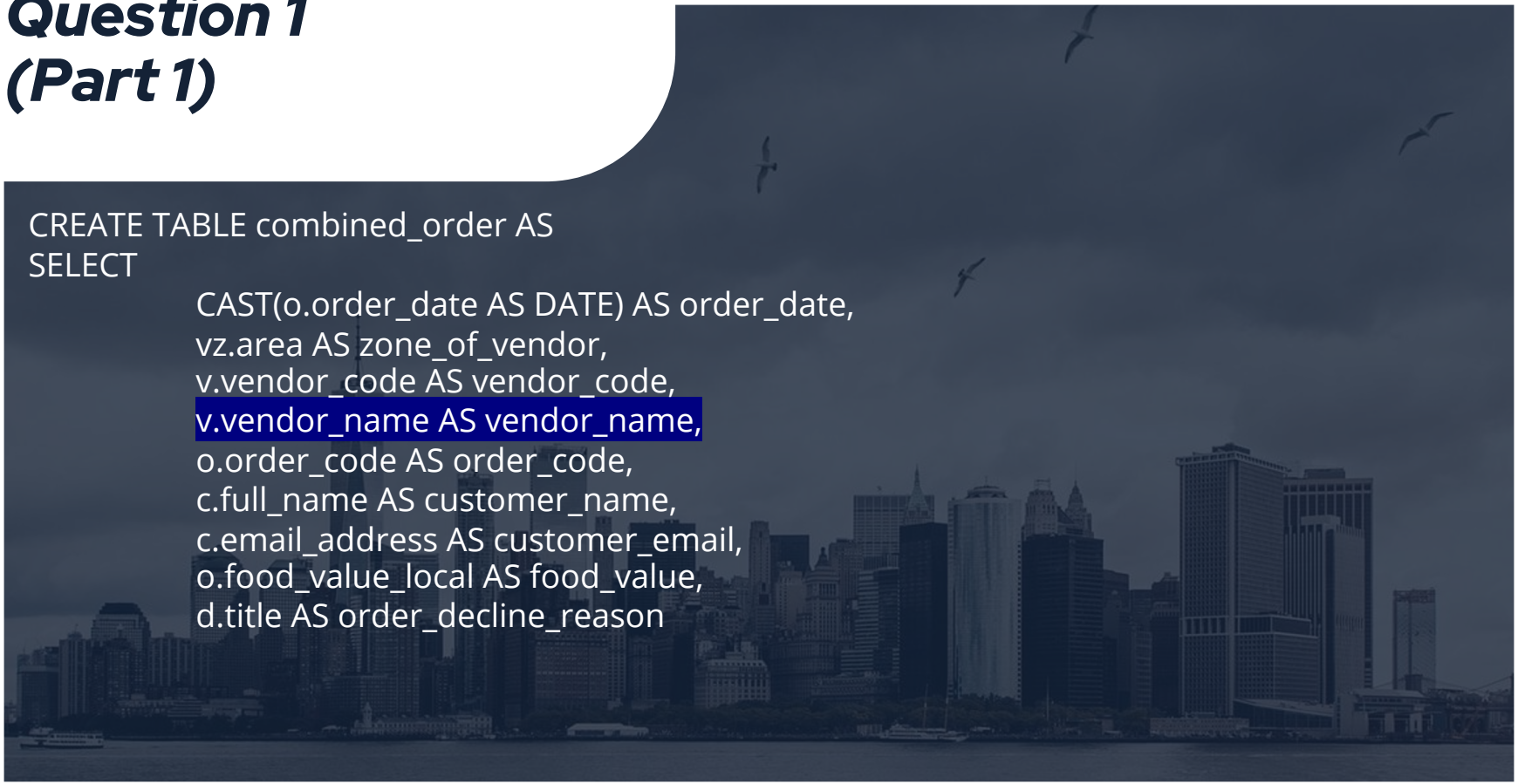
Mini Assignment
FoodPanda

Question 1 (Part 1)



```
CREATE TABLE combined_order AS
SELECT
        CAST(o.order_date AS DATE) AS order_date,
        vz.area AS zone_of_vendor,
        v.vendor_code AS vendor_code,
        v.vendor_name AS vendor_name,
        o.order_code AS order_code,
        c.full_name AS customer_name,
        c.email_address AS customer_email,
        o.food_value_local AS food_value,
        d.title AS order_decline_reason
```

Question 1 (Part 2)

```
FROM foodpanda_hk.orders o
LEFT JOIN foodpanda_hk.vendors v
        ON o.vendor_id = v.Vendor _id
LEFT JOIN foodpanda_hk.customers c
        ON o.order_date = c. customer_first_order
LEFT JOIN foodpanda_hk.decline_reasons d
        ON o.decline_reason_id = d.decline_reason_id
LEFT JOIN foodpanda_hk.vendor_zone vz
        ON v.Vendor_code = vz.Vendor_code
WHERE
        o.order_date BETWEEN '2019-06-03 00:00:00' AND '2019-06-05 23:59:59'
ORDER BY
        o.order_date DESC;
```

Question 2

Add the below SQL code under the highlighted code in Question 1:

```
CASE
        WHEN status_id = 22 THEN ‘Successful’
        WHEN status_id = 24 THEN ‘Successful’
        WHEN status_id = 61 THEN ‘Successful’
        WHEN status_id = 12 THEN ‘Cancel’
        WHEN status_id = 21 THEN ‘Cancel’
        WHEN status_id = 31 THEN ‘Cancel’
ELSE ‘Incomplete’
END AS order_status,
```

Question 3

```
SELECT
        zone_of_vendor,
        COUNT(order_code) AS order_no,
        COUNT(CASE WHEN order_status = ‘Cancel’ THEN 1 END) AS cancel_orders_no,
        SUM(food_value),
        (SELECT SUM(food_value) from combined order WHERE status_id = ‘Successful’) AS
        food_value_successful_order,
        COUNT(customer_name)
FROM combined_order
WHERE order_date BETWEEN ‘2019-06-03’ AND ‘2019-06-05’
GROUP BY zone_of_vendor
ORDER BY order_date DESC;
```

Thanks!

foodpanda

By Pamela Tsui