

Brightlight practical queries 2.1

```
SELECT Customer_ID, Size, purchase_amount, ITEM_PURCHASED
FROM "SHOPPING_TRENDS_DB"."PUBLIC"."SHOPPING_DATA"
WHERE Size IS NULL AND purchase_amount > 50;
```

```
SELECT
    COALESCE(Season, 'Unknown Season') AS Season,
    COUNT(*) AS Total_Purchases
FROM SHOPPING_TRENDS_DB.PUBLIC.SHOPPING_DATA
GROUP BY COALESCE(Season, 'Unknown Season');
```

```
SELECT
    COALESCE(Payment_Method, 'Not Provided') AS Payment_Method,
    COUNT(DISTINCT Customer_ID) AS Customer_Count
FROM SHOPPING_TRENDS_DB.PUBLIC.SHOPPING_DATA
GROUP BY COALESCE(Payment_Method, 'Not Provided');
```

```
SELECT Customer_ID, Promo_Code_Used, Review_Rating, Item_Purchased
FROM SHOPPING_TRENDS_DB.PUBLIC.SHOPPING_DATA
WHERE Promo_Code_Used IS NULL AND Review_Rating < 3.0;
```

```
SELECT
    Shipping_Type,
    AVG(COALESCE(purchase_amount, 0)) AS Average_purchase_amount
FROM SHOPPING_TRENDS_DB.PUBLIC.SHOPPING_DATA
```

```
GROUP BY Shipping_Type;
```

```
SELECT
```

```
    COALESCE(Location, 'Unknown') AS Location,
```

```
    COUNT(*) AS Total_Purchases
```

```
FROM SHOPPING_TRENDS_DB.PUBLIC.SHOPPING_DATA
```

```
WHERE Payment_Method IS NULL
```

```
GROUP BY COALESCE(Location, 'Unknown')
```

```
HAVING COUNT(*) > 5;
```

```
SELECT
```

```
    Customer_ID,
```

```
    COALESCE(purchase_amount, 0) AS purchase_amount,
```

```
    CASE
```

```
        WHEN COALESCE(purchase_amount, 0) > 80 THEN 'High'
```

```
        WHEN COALESCE(purchase_amount, 0) BETWEEN 50 AND 80 THEN 'Medium'
```

```
        ELSE 'Low'
```

```
    END AS Spender_Category
```

```
FROM SHOPPING_TRENDS_DB.PUBLIC.SHOPPING_DATA;
```

```
SELECT Customer_ID, Color, Previous_Purchases
```

```
FROM SHOPPING_TRENDS_DB.PUBLIC.SHOPPING_DATA
```

```
WHERE Previous_Purchases IS NULL AND Color IS NOT NULL;
```

```
SELECT
```

```
COALESCE(Frequency_of_Purchases, 'Unknown') AS Frequency_of_Purchases,  
SUM(purchase_amount) AS Total_purchase_amount  
FROM SHOPPING_TRENDS_DB.PUBLIC.SHOPPING_DATA  
GROUP BY COALESCE(Frequency_of_Purchases, 'Unknown');
```