Jimju Templata (dbt)

Control Statements	{% set variable_a = 10 %} {% if name == "Bard": %} {% endif %} {% for i in range(variable_a) %} {% endfor		
Expressions	{{ 1 <u>0 + 20</u> }} {{ v <u>ariable_a</u> }}		
Texts	SELECT UNION V		
Comments	{# This is a comment #}		

ξ<u>ξ</u> ____ 3,5

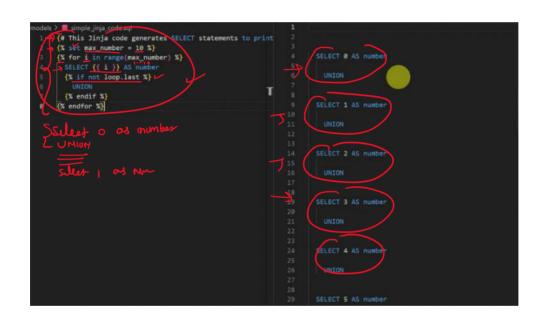


Table Minimum Record Count needed for Proper Testing customers 50 Employees 20 Stores Suppliers 5 **Products** OrderItems 1000 200 Orders

```
-- Define the expected record counts for each table
 {* set_expected counts = {
    customers': 50,
    'Employees': 20,
    'Stores': 10,
    'Suppliers': 5,
    'Products': 100,
'OrderItems': 1000,
    'Orders': 200
 } %}
 -- Test an ount of resords in each table

{% for table, (xpected count) in expected counts.items() %}

SELECT '{{ table }}' As table_name,

(SELECT COUNT(*) FROM {{ source('landing', table) }}) As record count,
   {{ expected count }} AS expected count

WHERE (SELECT COUNT *) FROM {{ source('landing', table) }}) < {{ expected_count }}

{* if not loop.last *} UNION ALL {* endif *}
 {% endfor %}
-- customers_record_count_check.sql
SELECT 'customers' AS table_name,
           (SELECT COUNT(*) FROM landing.customers) AS record count,
           50 AS expected count
 WHERE (SELECT COUNT(*) FROM landing.customers) < 50;</pre>
 -- Employees record count check.sql SELECT 'Employees' AS table name,
           (SELECT COUNT(*) FROM landing.Employees) AS record_count,
           20 AS expected count
 WHERE (SELECT COUNT(*) FROM landing. Employees) < 20;
 -- Stores_record_count_check.sql SELECT 'Stores' AS table_name,
           (SELECT COUNT(*) FROM landing. Stores) AS record_count,
           10 AS expected count
 WHERE (SELECT COUNT(*) FROM landing Stores) < 10;
 -- Suppliers_record_count_check.sql
SELECT 'Suppliers' AS table name,
           (SELECT COUNT(*) FROM landing. Suppliers) AS record_count,
             AS expected count
WHERE (SELECT COUNT(*) FROM landing.Suppliers) < 5;
                                        Example
                    Ordered
                              Mutable
       Data Type
                                         123 , 1.23 , 1 + 2j
                    No
                              No
```

 Data Type
 Ordered
 Mutable
 Example

 PATHOM
 No
 Yes
 123, 1.23, 1 + 2j

 Strings
 No
 No
 'This is a string', "This is also a string"

 Booleans
 No
 No
 True, False

 Lists [] Yes
 Yes
 [1, 2, 3, 4, 5], ['a', 'b', 'c', 'd', 'e']

 Tuples () Yes
 No
 (1, 2, 3, 4, 5), ('a', 'b', 'c', 'd', 'e')

 Dictionaries (No
 Yes
 ('key,1': 'value,1', 'key,2': 'value,2', 'key,3': 'value,3'), ('a': 1, 'b': 2, 'c': 3, 'd': 4, 'e': 5)

 Sets
 No
 Yes
 (1, 2, 3, 4, 5), ('a', 'b', 'c', 'd', 'e')

```
- macros/calculate_growth.sql

{% macrocalculate_growth.current_period_column, previous_period_column {\} \} = 0 THEN

({\} current_period_column {\} \} - {\} previous_period_column {\} \} * 100

ELSE

NULL

END

{% endmacro %}

- models/quarterly_revenue.sql

select
quarter,
quarter,
quarter,
previous_quarter_revenue,
previous_month_revenue

**Calculate_growth** current_month_revenue

**Intervious_month_revenue**

**Intervious_month_re
```

```
city_code,
city,
month,
avg_temp_fahrenheit,
ROUND((avg_temp_fahrenheit - 32) * 5/9, 1)
as avg_temp_celsius
FROM SLEEKMART_OMS.TRAINING.city_temperature
```

94 2

```
to-celsius (94,2)
```

```
{% macro to_celsius(fahrenheit_column, decimal_places=1) %}

RCUND(({{ fahrenheit_column }} - 32) * 5/9, {{ decimal_places }})
{% endmacro %}
```

```
city, month,
avg_temp_fahrenheit,

avg_temp_fahrenheit,

{{ to_celsius('ovg_temp_fahrenheit)}}}

7 ROUND((avg_temp_fahrenheit - 32) * 5/9, 1)
as avg_temp_celsius

FROM SLEEKMART_OMS.TRAINING.city_temperature

9 as avg_temp_celsius

FROM SLEEKMART_OMS.TRAINING.city_temperature
```

Walmart

S.No Source Tables		Target Tables	
1	sales_us -> 7100	profit_us	
2,	sales_uk	profit_uk	
3	sales_india 🗸	profit_india 🗸	
4	sales_canada	profit_canada_	
5	sales_germany	profit_germany_	
6	sales_france	profit_france 🗸	
7	sales_japan	profit_japan	
8	sales_mexico	profit_mexico	
9	sales_russia	profit_russia	
10	sales_china	profit_china 🗸	



Soly_vs.sol

```
sales_date,

SUM(quantity_sold * unit_sell_price) as total_revenue,

SUM(quantity_sold * unit_purchase_cost) as total_cost,

SUM(quantity_sold * unit_sell_price) - SUM(quantity_sold * unit_purchase_cost) as total_profit

FROM {{ source('training', 'sales_us') }}

GROUP BY sales_date
```

apc. on an

Salag_UL. Sale

```
sales_date,
sulf quantity_sold * unit_sell_price) as total_revenue,
SUM(quantity_sold * unit_purchase_cost) as total_cost,
SUM(quantity_sold * unit_sell_price) - SUM(quantity_sold * unit_purchase_cost) as total_profit
FROM {{ source('training', sales_us') }}
GROUP BY sales_date
```

```
{% macro generate_profit_model(table_name) %}

SELECT

sales_date,
SUM(quantity_sold * unit_sell_price) as total_revenue,
SUM(quantity_sold * unit_purchase_cost) as total_cost,
SUM(quantity_sold * unit_sell_price) - SUM(quantity_sold * unit_purchase_cost) as total_profit
FROM {{ source(training', table_name) }}
GROUP BY sales_date
{% endmacro %}

SELECT

sales_date,
SUM(quantity_sold * unit_sell_price) as total_revenue
SUM(quantity_sold * unit_purchase_cost) as total_revenue
SUM(quantity_sold * un
```

```
{{ generate_profit_model('sales_us') }}

[{{ generate_profit_model('sales_us') }}
```

```
SELECT
sales_date,
SUM(quantity_sold * unit_sell_price) as total_revenue,
SUM(quantity_sold * unit_purchase_cost) as total_cost,
SUM(quantity_sold * unit_sell_price) - SUM(quantity_so
FROM SLEEKMART_OMS.TRAINING.sales_us
GROUP BY sales_date
```

```
sales_date,

SUM(quantity_sold * unit_sell_price) as total_revenue,

SUM(quantity_sold * unit_purchase_cose) as total_cost,

SUM(quantity_sold * unit_sell_price) - SUM(quantity_sold)

FROM SLEEKMART_OMS.TRAINING.sales_cose

GROUP BY sales_date
```

dibt docs

Data Preview

×

	CUSTOMER_ID	CUSTOMER_NAME	EMAIL	ORDER_COUNT	TOTAL_ORDER_AMOUNT
1	1	Alice Johnson	alice@example.com	2	550.00
2	2	Bob Smith	bob@example.com	1	150.00
3	3	Charlie Brown	charlie@example.com	1	200.00

Data Preview

×

	CUSTOMER_ID	CUSTOMER_NAME	EMAIL	ORDER_COUNT	TOTAL_ORDER_AMOUNT
1	1	Alice Johnson	alice@example.com	2	550.00
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