Rizky Romadhon

About You

Experienced Product and Data Analyst Specialist with a proven history of working in the financial technologies industry and the IT solution services industry. Skilled in Data Analysis, Data Visualization, Data Management, Business Process Analysis and Data Engineer.

Linkedin

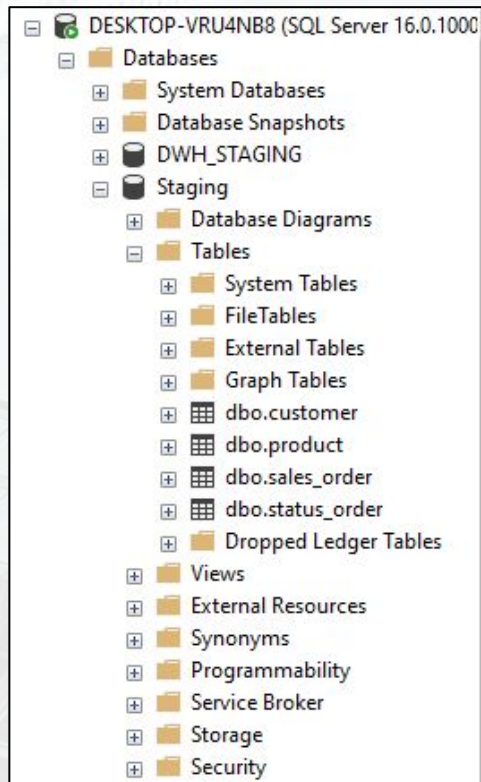https://www.linkedin.com/in/rizkyzxyzromadhon/

Experience

● Application Consultant - Care Technologies
[2 Years]

● Product Technical Support - FinAccel (Kredivo Holdings)
[2 Years]

● Data Engineer & Analytics - FinAccel (Kredivo Holdings)
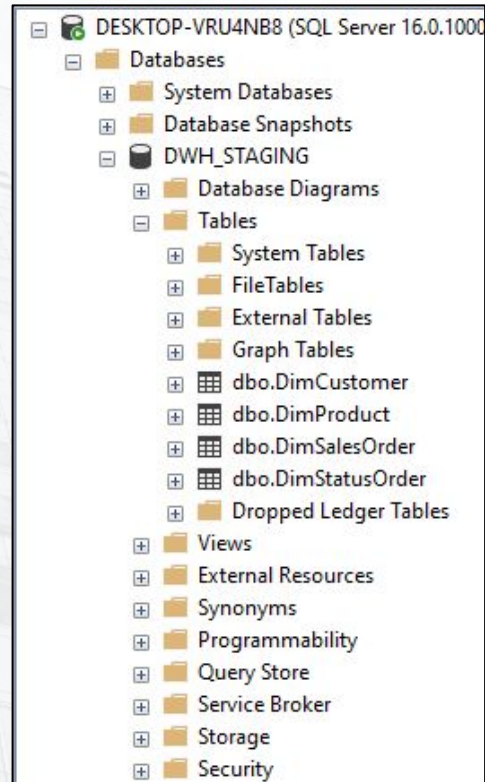[6 Months]

Case Study

1. Melakukan Import/Restore Database Staging.

2. Membuat sebuah Database bernama DWH_Project, serta membuat Tabel Fact dan Dimension dari tabel yang ada di database Staging.

3. Membuat Job ETL di aplikasi talend untuk memindahkan data dari Staging ke Data Warehouse. (Khusus untuk Tabel DimCustomer, lakukan transformasi data dengan merubah data dari kolom FirstName dan LastName menjadi huruf kapital semua, lalu gabungkan kedua kolom tersebut menjadi satu kolom yang bernama CustomerName)

4. Membuat Store Procedure (SP) untuk menampilkan summary sales order berdasarkan status pengiriman.
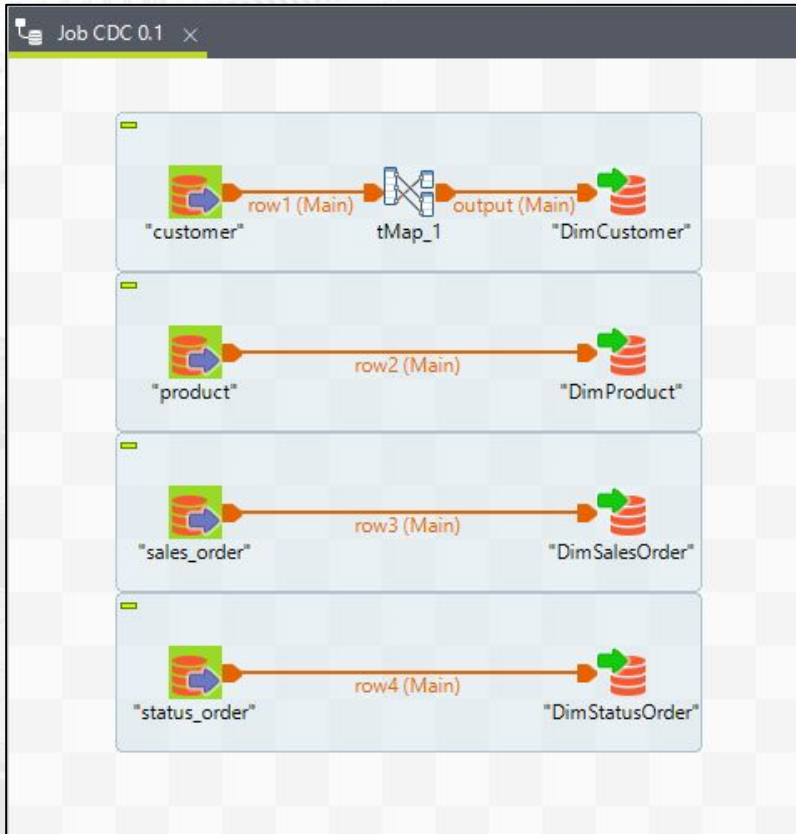
Result

Staging Database

DESKTOP-VRU4NB8 (SQL Server 16.0.1000
- Databases
  - System Databases
  - Database Snapshots
  - DWH_STAGING
  - Staging
    - Database Diagrams
    - Tables
      - System Tables
      - FileTables
      - External Tables
      - Graph Tables
      - dbo.customer
      - dbo.product
      - dbo.sales_order
      - dbo.status_order
      - Dropped Ledger Tables
    - Views
    - External Resources
    - Synonyms
    - Programmability
    - Service Broker
    - Storage
    - Security

DWH Database

DESKTOP-VRU4NB8 (SQL Server 16.0.1000
- Databases
  - System Databases
  - Database Snapshots
  - DWH_STAGING
    - Database Diagrams
    - Tables
      - System Tables
      - FileTables
      - External Tables
      - Graph Tables
      - dbo.DimCustomer
      - dbo.DimProduct
      - dbo.DimSalesOrder
      - dbo.DimStatusOrder
      - Dropped Ledger Tables
    - Views
    - External Resources
    - Synonyms
    - Programmability
    - Query Store
    - Service Broker
    - Storage
    - Security

Result

For replication data, i used talend with some function like tMSSqlInput, tMSSqlOutput and tMap.

Result


```sql
CREATE PROCEDURE summary_order_status @id_status int
  AS
BEGIN
    SELECT
        dso.OrderID,
        dc.CustomerName,
        dp.productname,
        dso.quantity,
        dst.StatusOrder
    FROM
        DimSalesOrder dso
    INNER JOIN DimCustomer dc ON dso.CustomerID=dc.customerid
    INNER JOIN DimProduct dp ON dso.ProductID=dp.productid
    INNER JOIN DimStatusOrder dst ON dso.StatusID=dst.StatusID
    WHERE
        dso.StatusID = @id_status

END;
```

100 %

Messages

Commands completed successfully.

Completion time: 2023-07-02T13:58:38.5637327+07:00

```sql
EXEC summary_order_status @id_status=3
```
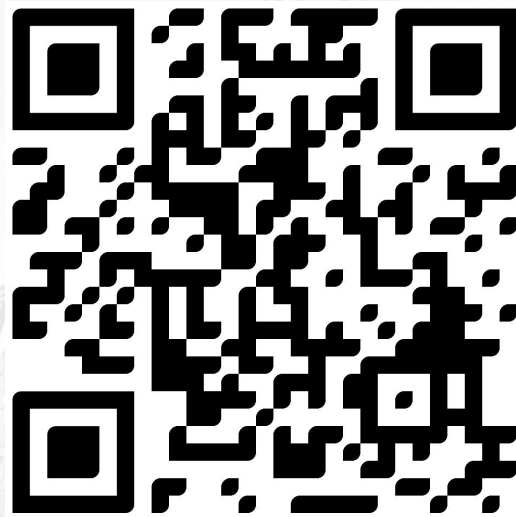
100 %

Results   Messages

	OrderID	CustomerName	productname	quantity	StatusOrder
1	1305	BAGUS PRAKOSO	Blender Philips 500 watt	3	Shipped
2	1308	BELA ADRILIA	Luciana Set Dress 2 in 1	2	Shipped

Create procedure to show summary sales order based by StatusID on DimStatusOrder table

Link Github

Scan

https://github.com/rapipa/rakamin-x-id-x

Link Video Penjelasan

Scan

https://youtu.be/Rr_qhdbpJBQ

Thank You

Rakamin Academy **X** id/x partners