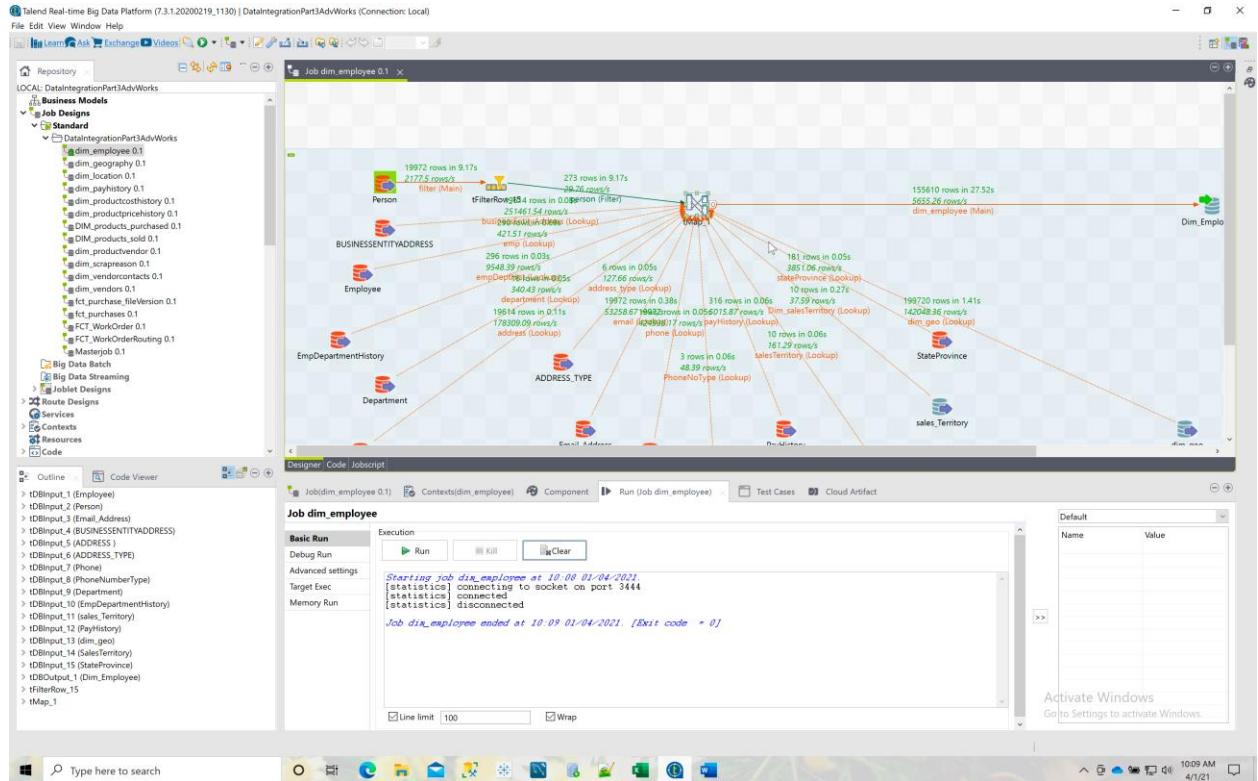


TALEND AND DB SCREENSHOTS

1. Dim_employee

Talend:



Person Type:

Adventureworks_purchase

Shweta Gupta

The screenshot shows the Talend Real-time Big Data Platform interface. A window titled "Person(tDBInput_2)(Microsoft SQL Server)" is open, displaying the configuration for a database input component. The "Basic settings" tab is selected, showing the following details:

- Database:** Microsoft SQL Server
- Host:** "localhost"
- Port:** "1433"
- Schema:** "Person"
- Username:** "info7370"
- Password:** "*****"
- Table Name:** "Person"
- Query Type:** "select" (with a dropdown menu showing "Built-In", "Guess Query", and "Guess schema")
- Query:** The query is defined as:


```
select
        BUSINESSENTITYID,
        PERSONTYPE,
        FIRSTNAME,
        MIDDLENAME,
        LASTNAME,
        NameStyle
      from PERSON PERSON
      Where PERSONTYPE = 'EM'
```

Below the main configuration area, there is a note: "The variable attached to this parameter is: _QUERY_". At the bottom of the window, it says "Data source" and "This option only applies when deploying and running in the Talend Runtime". The status bar at the bottom right shows "Activate Windows" and "Go to Settings to activate Windows".

The screenshot shows the Talend Real-time Big Data Platform interface with a "tMap" component open. The left side displays a list of tables and dimensions used in the mapping:

- person
- emp
- businessEntityAddress
- addressType
- address
- purchaseBuyer
- email
- phone
- phoneType
- dim_geo
- empPay
- deptHistory
- dept
- ctryRegion
- dim_salesTerritory

The right side shows the mapping between the "person" table and the "dim_employee" dimension. The "person" table has columns: BUSINESSENTITYID, PERSONTYPE, FIRSTNAME, MIDDLENAME, LASTNAME, and NameStyle. The "dim_employee" dimension has columns: BUSINESSENTITYID, EmployeeNationalID, LoginID, JobTitle, BirthDate, MaritalStatus, Gender, HireDate, SalariedFlag, VacationHours, SickLeaveHours, CurrentFlag, AddressType, ADDRESSLINE1, ADDRESSLINE2, Purchase_Buyer, FIRSTNAME, MIDDLENAME, LASTNAME, NameStyle, EmailAddress, Phone, PhoneNumberType, dim_geo.GeoSK, GeoSK, BaseRate, empPay.PayFrequency, deptHistory.StartDate, deptHistory.EndDate, dept.Name, DepartmentName, SalesPersonFlag, SalesTerritoryK, status, DI_JobID, DI_Create_Date, DI_Modified_Date.

Below the mapping diagram, two schema editor tables are shown for the "person" and "dim_employee" tables, detailing their column definitions.

Column	Key	Type	Null	Date Pattern (Ctrl+Space)	Length	Precision	Default	Comment
BUSINESSENTITYID		int			10	0		
PERSONTYPE		String			2	0		
FIRSTNAME		String			50	0		
MIDDLENAME		String			50	0		
LASTNAME		String			50	0		
NameStyle		boolean			1	0		

Column	Key	Type	Null	Date Pattern (Ctrl+Space)	Length	Precision	Default	Comment
BUSINESSENTITYID		int			10	0		
EmployeeNationalID		String			15	0		
LoginID		String			256	0		
JobTitle		String			50	0		
BirthDate		String			10	0		
MaritalStatus		String			1	0		
Gender		String			1	0		
HireDate		String			10	0		
SalariedFlag		boolean			1	0		
VacationHours		int			5	0		
SickLeaveHours		int			5	0		

DB:

The screenshot shows the MySQL Workbench interface. In the top navigation bar, the database 'AdventureworksDW' is selected. The main area contains several SQL statements in the 'SQL File 1' tab, including queries for tables like 'dim_productvendor', 'DIM_vendorcontacts', 'dim_scrapreason', 'FCT_WorkOrderRouting', 'fct_workorderrejects', 'DDH_employee', and 'FCT_purchases'. Below the statements is a results grid titled 'Dim_employee_81' showing 683 rows of data from the 'Dim_employee' table. The columns include EmployeeSK, BusinessEntityID, EmployeeNationalID, GeoSK, SalesTerritorySK, AddressLine1, AddressLine2, AddressType, Purchase_Buyer, FirstName, MiddleName, LastName, BirthDate, HireDate, JobTitle, and MaritalStatus. The bottom of the window shows the output pane with two log entries: 'Select * from DIM_geography' and 'select * from DIM_employee', both returning 683 rows.

2. Dim_Geography**Talend:**

The screenshot shows the Talend Data Integration Platform. On the left, the 'Repository' sidebar lists various business models, standard objects, and specific components like 'Address', 'StateProvince', 'CountryRegion', 'sales.Territory', and 'dim.geography'. The main workspace displays a job diagram for 'dim_geography'. The flow starts with an 'Address' component, which connects to a 'tMap_1' component via a 'stateProvince (Lookup)' transformation. This map also connects to a 'CountryRegion' component, which then connects to a 'sales.Territory' component. Finally, the 'sales.Territory' component connects to a 'dim.geography (Main)' component. The 'dim.geography (Main)' component then connects to a 'tMap_1' component, which finally outputs to a 'Dim_Geography' component. The execution details at the bottom show the job starting at 15:17:05 on 04/04/2021, connecting to port 3378, and ending successfully at 15:17:05 on 04/04/2021 with an exit code of 0.

DB:

The screenshot shows the MySQL Workbench interface. In the top navigation bar, 'MySQL Workbench' is selected. The left sidebar shows the 'adventureworksdb' schema with various tables and objects listed. The main area contains a SQL editor with the following query:

```

1 * select * from dim_products_purchased ;
2
3 * select * from DimProduct_Sold;
4
5 * Select * from DIM_geography;
6
7 * select * from dim_location;
8
9 * select * from dim_salesterritory;
10
11 * select * from dim_vendors;
12
13 * select * from dim_productvendor;
14
15 * select * from DIM_vendorcontacts;
16
17 * select * from dim_scrapson;
18
19 * select * from FCT_WorkOrderRouting;

```

The 'Result Grid' tab is active, displaying the results of the last query. The results show geographical data with columns: GeodID, City, StateProvinceID, StateProvinceCode, StateProvinceName, IsOnlyStateProvinceFlag, CountryRegionCode, and CountryRegionName. The data includes rows for Ottawa, Burnaby, Noid, Verviers Le Buisson, Saint-Denis, Seattle, Les Ulis, Miami, Portland, Los Angeles, Courbevoie, Paris, and Givres.

3. Dim_location**Talend:**

The screenshot shows the Talend Data Integration Platform. The top navigation bar indicates 'Talend Real-time Big Data Platform (7.3.1.20200219_1130) | DataIntegrationPart3AdvWorks (Connection: Local)'.

The left sidebar shows the 'Repository' with a tree view of Business Models, Jobs, Standard, and DataIntegrationPart3AdvWorks. Under DataIntegrationPart3AdvWorks, various components like dim_employee, dim_geography, dim_location, dim_pharmacy, etc., are listed.

The main workspace displays the 'Job dim_location 0.1' design. It shows a flow starting with a 'Location' component, followed by a 'tMap_1' component, and ending at a 'Dim_Location' component. The 'tMap_1' component has two output ports: one with 14 rows in 0.95s and another with 14 rows in 1.86s.

The bottom section shows the 'Execution' log for the job 'dim_location'. It starts with 'Starting job dim_location at 09-21 01:04:2021' and ends with 'Job dim_location ended at 09-21 01:04:2021. [Exit code = 0]'. A 'Default' table on the right lists configuration parameters.

DB:

The screenshot shows the MySQL Workbench interface. In the top navigation bar, 'adventureworksDW' is selected. The main area displays a SQL file named 'adventureWorksDW_MySQL_P...' with the following code:

```

1 *  select * from dim_products_purchased limit 10;
2 *
3 *  select * from DimProduct_Sold;
4 *
5 *  Select * from DIM_geography;
6 *
7 *  select * from dim_location;
8 *
9 *
10 * select * from dim_vendors;
11 *
12 * select * from dim_productvendor;
13 *
14 * select * from DIM_vendorcontacts;
15 *
16 * select * from dim_scrapreason;
17 *
18 * select * from FCT_WorkOrderRouting;
19

```

The results grid shows data from the 'dim_location' table:

LocatorID	LocationID	LocationName	CostRate	Availability	ModifiedDate	DL_JobID	DL_Create_Date	DL_Modified_Date
1	1	Tool Crib	0.00	0.00	2008-04-30 00:00:00.000	d50B	2021-04-01 09:21:59	2021-04-01 09:21:59
2	2	Sheet Metal Racks	0.00	0.00	2008-04-30 00:00:00.000	d50B	2021-04-01 09:21:59	2021-04-01 09:21:59
3	3	Paint Shop	0.00	0.00	2008-04-30 00:00:00.000	d50B	2021-04-01 09:21:59	2021-04-01 09:21:59
4	4	Paint Storage	0.00	0.00	2008-04-30 00:00:00.000	d50B	2021-04-01 09:21:59	2021-04-01 09:21:59
5	5	Metal Storage	0.00	0.00	2008-04-30 00:00:00.000	d50B	2021-04-01 09:21:59	2021-04-01 09:21:59
6	6	Miscellaneous Storage	0.00	0.00	2008-04-30 00:00:00.000	d50B	2021-04-01 09:21:59	2021-04-01 09:21:59
7	7	Finished Goods Storage	0.00	0.00	2008-04-30 00:00:00.000	d50B	2021-04-01 09:21:59	2021-04-01 09:21:59
8	10	Frame Framing	22.00	96.00	2008-04-30 00:00:00.000	d50B	2021-04-01 09:21:59	2021-04-01 09:21:59
9	20	Frame Welding	25.00	158.00	2008-04-30 00:00:00.000	d50B	2021-04-01 09:21:59	2021-04-01 09:21:59
10	30	Debris and Debris	14.50	130.00	2008-04-30 00:00:00.000	d50B	2021-04-01 09:21:59	2021-04-01 09:21:59
11	40	Paint	15.75	120.00	2008-04-30 00:00:00.000	d50B	2021-04-01 09:21:59	2021-04-01 09:21:59
12	45	Specialized Paint	18.00	80.00	2008-04-30 00:00:00.000	d50B	2021-04-01 09:21:59	2021-04-01 09:21:59
13	49	QAssessWk	17.75	171.00	2008-04-30 00:00:00.000	d50B	2021-04-01 09:21:59	2021-04-01 09:21:59
14	50	QAssessWk	17.75	171.00	2008-04-30 00:00:00.000	d50B	2021-04-01 09:21:59	2021-04-01 09:21:59

The status bar at the bottom right shows 'Duration / Fetch 0.000 sec / 0.000 sec'.

4. Dim_Payhistory

Talend:

The screenshot shows the Talend Data Integration Platform interface. The top bar indicates 'Talend Real-time Big Data Platform (7.3.1.20200219_1130) | DataIntegrationPart3AdvWorks (Connection: Local)'.

The main workspace displays a job named 'Job dim_payhistory 0.1'. The flow consists of the following components and their connections:

- tPayHistory_Truncate** → **ok** → **EmployeePayHistoryAltered_202103291656**
- EmployeePayHistoryAltered_202103291656** → **OnSubjectOk** → **tMap_1**
- tMap_1** has two outputs:
 - Top output: **3451 rows in 14.89s**, **231.75 rows/s**, **empPay (Main)** → **tDBSCD_1**.
 - Bottom output: **494130 rows in 5.92s**, **83453.87 rows/s**, **dim.emp (Lookup)** → **dim_employee**.
- dim_employee** → **3451 rows in 15.66s**, **220.47 rows/s**, **out_soc (Main)** → **tDBSCD_1**.

The bottom pane shows the job's execution details:

- Execution:** Run, Kill, Clear.
- Basic Run:** Starting job dim_payhistory at 09/23 01:04:2021.
- Advanced settings:** Statistics connecting to socket on port 4015.
- Target Exec:** Statistics connected.
- Memory Run:** Statistics disconnected.
- LogRow_1** (tMap_1).
- Job dim_payhistory ended at 09/23 01:04:2021. (Exit code = 0)**

The status bar at the bottom right shows 'Duration / Fetch 0.000 sec / 0.000 sec'.

DB:

MySQL Workbench

File Edit View Query Database Server Tools Scripting Help

Schemas: adventureworksdw

SQL File 1: adventureworksDW_MySQL Pa... SQL File 3*

```

11
12 * select * from dim_productvendors;
13
14 * select * from DIM_vendorcontacts;
15
16 * select * from dim_scrapreason;
17
18 * select * from FCT_WorkOrderRouting;
19
20 * select * from DDM_employee;
21
22 * select * from FCT_WorkOrder_Rejects;
23
24 * select * from FCT_Purchases;
25
26
27 * select * from FCT_Purchases_Rejects;
28 * select * from DDM_pahistory;
29

```

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

Results Grid

PayHistorySK	EmployeeSK	Rate	PayFrequency	ModifiedDate	scd_start	scd_end	scd_Version	scd_I
1	1810	125.50	2	2009-01-13 00:00:00.000	2009-01-14 00:00:00.000	2010-01-14 00:00:00.000	1	0
2	1810	130.74	2	2011-01-13 00:00:00.000	2011-01-14 00:00:00.000	2012-01-14 00:00:00.000	1	0
3	1810	135.74	2	2012-01-13 00:00:00.000	2012-01-14 00:00:00.000	2013-01-14 00:00:00.000	4	0
4	1810	141.17	2	2013-01-13 00:00:00.000	2013-01-14 00:00:00.000	2014-01-14 00:00:00.000	5	0
5	1810	146.82	2	2014-01-13 00:00:00.000	2014-01-14 00:00:00.000	2015-01-14 00:00:00.000	6	0
6	1810	152.69	2	2015-01-13 00:00:00.000	2015-01-14 00:00:00.000	2016-01-14 00:00:00.000	7	0
7	1810	158.80	2	2015-01-13 00:00:00.000	2015-01-14 00:00:00.000	2016-01-14 00:00:00.000	8	0
8	1810	165.15	2	2016-01-13 00:00:00.000	2016-01-14 00:00:00.000	2017-01-14 00:00:00.000	9	0
9	1810	171.79	2	2017-01-13 00:00:00.000	2017-01-14 00:00:00.000	2018-01-14 00:00:00.000	10	0
10	1810	178.63	2	2018-01-13 00:00:00.000	2018-01-14 00:00:00.000	2019-01-14 00:00:00.000	11	0
11	1810	185.77	2	2019-01-13 00:00:00.000	2019-01-14 00:00:00.000	2020-01-14 00:00:00.000	12	1
12	1810	193.20	2	2020-01-13 00:00:00.000	2020-01-14 00:00:00.000	2021-01-11 nn-nn-nn nn	1	n
13	1810	214.46	2	2021-01-11 nn-nn-nn nn	2021-01-11 nn-nn-nn nn	2022-01-11 nn-nn-nn nn		

Schema: adventureworksdw

DM_pahistory 37 x

Action Output

Time Action

1 09:24:30 select * from DDM_pahistory

Message: 3451 row(s) returned

Duration / Fetch: 0.000 sec / 0.015 sec

Activate Windows
Go to Settings to activate Windows.

5. Dim_productCostHistory

Talend:

Talend Real-time Big Data Platform (7.3.1.2020219_1130) | DataIntegrationPart3AdvWorks (Connection: Local)

File Edit View Window Help

Repository LOCAL: DataIntegrationPart3AdvWorks

Business Models Standard DataIntegrationPart3AdvWorks

Job dim_productcosthistory 0.1

m_productCostHistory_Truncate

OnSubjobOk

ProductCostAltered_202103291657

tMap_10

dim_product

tDBSCD_13

Designer | Code | Jobsheet

Job dim_productcosthistory 0.1

Execution

Basic Run

Run Kill Clear

Starting job dim_productcosthistory at 09:25 01/04/2021.

statistics connecting to socket on port 3877

statistics connected

statistics disconnected

Job dim_productcosthistory ended at 09:25 01/04/2021. [Exit code +0]

Line limit 100 Wrap

Default Name Value

Activate Windows
Go to Settings to activate Windows.

DB:

The screenshot shows the MySQL Workbench interface. A query window titled "adventureworksDW_MySQL_P..." is open, displaying the following SQL code:

```

18 *  select * from FCT_WorkOrderRouting;
19 *
20 *  select * from DIM_employee;
21 *
22 *  select * from FCT_WorkOrder_Rejects;
23 *
24 *  select * from FCT_purchases;
25 *
26 *
27 *  select * from FCT_purchases_Rejects;
28 *  select * from DIM_payhistory;
29 *
30 *
31 *  select * from DIM_productpricehistory;
32 *
33 *
34 *
35 *  select * from DIM_productcosthistory;

```

The results grid shows the "DIM_productcosthistory" table with 325 rows returned. The columns are ProductCostHistoryKey, ProductSK, StandardCost, ModifiedDate, scd_start, scd_end, scd_version, scd_Active, and scd_out.

6. Dim_productPriceHistory

Talend:

The screenshot shows the Talend Studio interface. The left sidebar displays the repository with various business models and standard components. The main area shows the "Job dim_productPriceHistory 0.1" design. It consists of an "OnSubjobOk" component connected to a "ProductListPriceHistory" component. This is followed by a "tMap_1" component, which is connected to a "tDBSCD_1" component. Below the design, the "Job dim_productPriceHistory" execution window is shown, indicating the job started at 09:26 on 01/04/2021 and ended at 09:27. The execution log shows statistics like 395 rows in 1.2s, 328.35 rows/s, and 295.44 rows/s.

DB:

The screenshot shows the MySQL Workbench interface. In the top navigation bar, 'adventureworksDW' is selected. The main area displays a SQL file named 'adventureWorksDW_MySQL_P...'. The code in the editor is as follows:

```

14 *  select * from Dm_vendorcontacts;
15 *
16 *  select * from dm_scrapreason;
17 *
18 *  select * from FCT_WorkOrderRouting;
19 *
20 *  select * from Dm_employee;
21 *
22 *  select * from FCT_WorkOrder_Rejects;
23 *
24 *  select * from FCT_Purchases;
25 *
26 *
27 *  select * from FCT_Purchases_Rejects;
28 *  select * from Dm_purchhistory;
29 *
30 *
31 *  select * from Dim_productpricehistory;
32

```

The 'Result Grid' tab is active, showing the results of the last query. The results are as follows:

ProductPriceHistoryID	ProductSK	ProductPrice	LastModifiedDate	scd_start	scd_end	scd_Version	scd_Active
1	3	33.64	2012-05-29 00:00:00.000	2011-05-31 00:00:00.000	2012-05-30 00:00:00.000	1	0
2	3	33.64	2012-05-29 00:00:00.000	2012-05-30 00:00:00.000	2013-05-30 00:00:00.000	2	0
3	4	34.99	2012-05-29 00:00:00.000	2012-05-31 00:00:00.000	2013-05-30 00:00:00.000	3	1
4	4	33.64	2012-05-29 00:00:00.000	2012-05-30 00:00:00.000	2013-05-30 00:00:00.000	2	0
5	4	33.64	2012-05-29 00:00:00.000	2012-05-30 00:00:00.000	2013-05-30 00:00:00.000	3	1
6	4	34.99	2012-05-29 00:00:00.000	2012-05-30 00:00:00.000	2013-05-30 00:00:00.000	1	1
7	5	9.50	2012-05-29 00:00:00.000	2011-05-31 00:00:00.000	2012-05-30 00:00:00.000	1	1
8	6	9.50	2012-05-29 00:00:00.000	2011-05-31 00:00:00.000	2012-05-30 00:00:00.000	1	1
9	7	33.64	2012-05-29 00:00:00.000	2011-05-31 00:00:00.000	2012-05-30 00:00:00.000	1	0
10	7	33.64	2012-05-29 00:00:00.000	2012-05-30 00:00:00.000	2013-05-30 00:00:00.000	2	0
11	7	34.99	2012-05-29 00:00:00.000	2012-05-30 00:00:00.000	2013-05-30 00:00:00.000	3	1
12	8	8.64	2012-05-29 00:00:00.000	2011-05-31 00:00:00.000	2012-05-30 00:00:00.000	1	0
13	8	8.64	2012-05-29 00:00:00.000	2012-05-30 00:00:00.000	2013-05-30 00:00:00.000	2	0

The status bar at the bottom right shows 'Duration / Fetch 0.000 sec / 0.000 sec'.

7. Dim_ProductsPurchased

Talend:

The screenshot shows the Talend Data Integration Platform interface. The left sidebar shows the repository with various business models and standard components. The main area displays a job named 'Job DIM_products_purchased 0.1'. The job flow diagram consists of several components connected by arrows:

- A 'Product' component feeds into a 'Map_1' component.
- The 'Map_1' component has three outputs:
 - An output to a 'Dim_product_purchased' component labeled '1060 rows in 1.22s'.
 - An output to a 'category' component labeled '265 rows in 0.38s'.
 - An output to a 'subcategory' component labeled '37 rows in 0.73s'.
- The 'category' component feeds into a 'Map_2' component labeled '4 rows in 0.11s'.
- The 'subcategory' component feeds into a 'Map_3' component labeled '36.39 rows/s'.
- The 'Map_2' and 'Map_3' components both feed into a 'Model' component labeled '52.41 rows/s'.
- The 'Model' component feeds into the 'Dim_product_purchased' component.

The bottom panel shows the execution details for the job 'Job DIM_products_purchased'.

Default	Name	Value

The status bar at the bottom right shows 'Duration / Fetch 0.000 sec / 0.000 sec'.

DB:

The screenshot shows the MySQL Workbench interface. In the SQL Editor tab, a query is being run against the 'adventureworksdw' database:

```

1 * select * from dim_products_purchased ;
2
3 * select * from DimProduct_Sold;
4
5 * Select * from DIM_geography;
6
7 * select * from dim_locations;
8
9
10 * select * from dim_vendors;
11
12 * select * from dim_productvendor;
13
14 * select * from DIM_vendorcontacts;
15
16 * select * from dim_scrapreason;
17
18 * select * from FCT_WorkOrderRouting;
19

```

The Result Grid displays the results of the 'dim_products_purchased' query:

ProductPurchasedSK	ProductID	ProductName	ProductSubcategoryID	ProductSubcategoryName	ProductCategoryID	ProductCategoryName
1	1	AR-5381	0	0	0	Bikes
2	1	Adjustable Race	0	0	0	Component
3	1	Adjustable Race	0	0	0	Component
4	1	AR-5381	0	0	0	Component
5	2	BA-8327	0	0	0	Bikes
6	2	Bearing Ball	0	0	0	Component
7	2	BA-8327	0	0	0	Clothing
8	2	Bearing Ball	0	0	0	Accessories
9	4	BE-2908	0	0	0	Component
10	4	BE-2908	0	0	0	Clothing
11	4	BE-2908	0	0	0	Accessories
12	4	BE-2908	0	0	0	Ride
13	4	BE-2908	n	n	n	Query Stats

The message bar at the bottom indicates 1050 rows returned.

8. Dim_ProductsSold

Talend:

The screenshot shows the Talend Data Integration Platform. The left sidebar shows the Repository with various business models and components. The main area displays a job flow titled 'Job DIM_products_sold 0.1'.

The job flow diagram consists of three main components connected sequentially:

- Product**: A source component that outputs 504 rows in 0.19s and 2680.85 rows/s.
- Map_1**: A mapping component that joins the Product data with the 'category' and 'subcategory' components. It processes 4 rows in 0.03s, 125 rows/s, and 37 rows in 0.23s, 158.12 rows/s.
- Dim_product_purchased**: A target component that receives 295 rows in 0.75s and 393.33 rows/s.

The 'Designer' tab is active, showing the job structure. The 'Code' tab shows the Java code for the job. The 'Execution' tab shows the log output:

```

Starting job DIM_products_sold at 09.29.01/04/2021.
[statistics] connecting to socket on port 4035
[statistics] connected
[statistics] disconnected
Job DIM_products_sold ended at 09.29.01/04/2021. [Exit code = 0]

```

The message bar at the bottom indicates Activate Windows Go to Settings to activate Windows.

DB:

The screenshot shows the MySQL Workbench interface. In the top-left, the Navigator pane displays the schema structure of the 'adventureworksdw' database, including tables like 'dim_products_purchased', 'DimProduct_Sold', 'DIM_geography', 'dim_location', 'dim_vendors', 'dim_productvendor', 'Dim_vendor', 'product', and 'dim_productPurchased'. The main area contains a SQL Editor window with the following query:

```

1 * select * from dim_products_purchased ;
2 *
3 * select * from DimProduct_Sold
4 *
5 * Select * from DIM_geography
6 *
7 * select * from dim_location;
8 *
9 *
10 * select * from dim_vendors;
11 *
12 * select * from dim_productvendor;
13 *
14 * select * from Dim_vendorcontacts;
15 *
16 * select * from dim_scrapreason;
17 *
18 * select * from FCT_WorkOrderRouting;
19

```

The Result Grid below shows the output of the query, specifically the 'DimProduct_Sold' table, with 15 rows of data. The columns include ProductSubSKU, ProductID, ProductSubCategoryID, ProductSubCategoryName, ProductCategoryID, ProductCategoryName, ProductName, ProductLine, ProductSize, ProductColor, and ProductStyle.

9. Dim_productVendor

Talend:

The screenshot shows the Talend Data Integration Platform interface. On the left, the Repository browser displays the project structure under 'Business Models' > 'Standard' > 'DataIntegrationPart3AdvWorks'. The central workspace shows a job diagram titled 'Job dim_productVendor 0.1'. The diagram illustrates the data flow between several components: 'productVendor' (green), 'dim_vendor' (blue), 'product' (red), and 'dim_productPurchased' (purple). A tMap component is shown with two rows of data being processed. The execution log at the bottom left shows the job starting at 09:49:01 on 04/04/2021 and ending at 09:50:01, with a status message indicating it ended successfully. The bottom right corner shows a Windows taskbar with the date 4/1/21 and time 9:50 AM.

DB:

The screenshot shows the MySQL Workbench interface. In the top-left, the Navigator pane displays the schema structure of the 'adventureworksdw' database, including tables like 'Tables', 'Views', 'Stored Procedures', 'Functions', and various dim, fact, and stage tables. The main area contains a SQL editor window with the following code:

```

4 *   Select * from DIM_geography;
5 *
6 *   select * from dim_location;
7 *
8 *
10 *   select * from dim_vendors;
11 *
12 *   select * from dim_productvendors;
13 *
14 *   select * from DIM_vendorcontacts;
15 *
16 *   select * from dim_scrapreason;
17 *
18 *   select * from FCT_WorkOrderRouting;
19 *
20 *   select * from fct_workorderrouting_rejects;
21 *
22 *   select * from DIM_employee;

```

The results grid below shows the output of the last query, which is a list of rows from the 'dim_productvendor' table. The columns include ProductVendorSK, ProductPurchasedSK, VendorSK, ProductID, VendorID, AverageLeadTime, StandardPrice, LastReceiptCost, LastReceiptDateSK, LastReceiptDate, and LastReceiptTime.

10. Dim_ScrapeReason

Talend:

The screenshot shows the Talend Studio interface. On the left, the Repository browser displays the project structure under 'Business Models' > 'Standard' > 'DataIntegrationPart3AdvWorks'. Components listed include 'dim_employee_0.1', 'dim_geography_0.1', 'dim_location_0.1', 'dim_physiology_0.1', 'dim_productcosthistory_0.1', 'dim_productcategory_0.1', 'dim_products', 'dim_products_sold_0.1', 'dim_productvendor_0.1', 'dim_scrapreason_0.1', 'dim_vendorcontacts_0.1', 'dim_vendors_0.1', 'fct.purchase_fileVersion_0.1', 'fct.purchase_0.1', 'FCT_WorkOrder_0.1', and 'fct.workorderRouting_0.1'. The main workspace shows a job diagram titled 'Job dim_scrapreason_0.1.x'. The flow starts with a 'scrapeReason' component, followed by a 'tMap_1' component, and finally a 'dim_scrapReason' component. The execution log at the bottom of the screen shows the following output:

```

Starting job dim_scrapreason at 09:34:02-04/04/2021
[statistics] connecting to socket on port 4081
[statistics] connected
[statistics] disconnected
Job dim_scrapreason ended at 09:34:01-04/04/2021. [Exit code = 0]

```

DB:

MySQL Workbench

File Edit View Query Database Server Tools Scripting Help

Schemas: adventureworksdw

SQL File 1: [adventureworksDW]_MySQL Pa... SQL File 3*

```

3 *  select * from DimProduct_Sold;
4 *
5 *  Select * from Dim_geography;
6 *
7 *  select * from dim_location;
8 *
9 *
10 * select * from dim_vendors;
11 *
12 * select * from dim_productvendors;
13 *
14 * select * from Dim_vendorcontacts;
15 *
16 * select * from dim_scrapreasons;
17 *
18 * select * from FCT_WorkOrderRouting;
19 *
20 * select * from Dim_employee;
21

```

Result Grid:

ScrapReasonID	ScrapReasonName	Dim_JobID	Dim_Create_Date	Dim_Modified_Date
1	Brake assembly not as ordered	Elt08C	2021-04-01 09:34:45	2021-04-01 09:34:45
2	Cylinder head not as ordered	Elt08C	2021-04-01 09:34:45	2021-04-01 09:34:45
3	Gauge in metal	Elt08C	2021-04-01 09:34:45	2021-04-01 09:34:45
4	Drill pattern incorrect	Elt08C	2021-04-01 09:34:45	2021-04-01 09:34:45
5	Drill size too large	Elt08C	2021-04-01 09:34:45	2021-04-01 09:34:45
6	Drill size too small	Elt08C	2021-04-01 09:34:45	2021-04-01 09:34:45
7	Handing damage	Elt08C	2021-04-01 09:34:45	2021-04-01 09:34:45
8	Paint process failed	Elt08C	2021-04-01 09:34:45	2021-04-01 09:34:45
9	Piston process failed	Elt08C	2021-04-01 09:34:45	2021-04-01 09:34:45
10	Seat assembly not as ordered	Elt08C	2021-04-01 09:34:45	2021-04-01 09:34:45
11	Stress test failed	Elt08C	2021-04-01 09:34:45	2021-04-01 09:34:45
12	Thermofom temperature too ...	Elt08C	2021-04-01 09:34:45	2021-04-01 09:34:45
13	Thermofom temperature too low	Elt08C	2021-04-01 09:34:45	2021-04-01 09:34:45
14	Trim length too long	Ftvt0*	2021-04-01 09:34:45	2021-04-01 09:34:45

Schema: adventureworksdw

Action Output:

#	Time	Action	Message	Duration / Fetch
1	09:33:47	select * from dim_productvendor	231840 row(s) returned	0.000 sec / 0.515 sec
2	09:35:18	select * from dim_scrapreason	16 row(s) returned	0.000 sec / 0.000 sec

Activate Windows
Go to Settings to activate Windows.

11. Dim_VendorContacts

Talend:

Talend Real-time Big Data Platform (7.3.1.20200219_1130) | DataIntegrationPart3AdvWorks (Connection: Local)

File Edit View Window Help

Repository

LOCAL: DataIntegrationPart3AdvWorks

Business Models

Standard

DataIntegrationPart3AdvWorks

dim_employee.0.1

dim_geography.0.1

dim_location.0.1

dim_physiology.0.1

dim_productcategoryhistory.0.1

dim_productcategory.0.1

dim_productsold.0.1

dim_productsoldhistory.0.1

dim_scrapreason.0.1

dim_vendorcontacts.0.1

dim_vendors.0.1

fct_purchase_fileVersion.0.1

fct_purchase.0.1

FCT_WorkOrder.0.1

WorkOrderRouting.0.1

Monitored.0.1

Big Data Batch

Big Data Streaming

Route Designs

Services

Contexts

Resources

Code

Job dim_vendorcontacts.0.1

Person

156 rows in 0.42s
369.67 rows/s

person (Main)

104 rows in 0.28s
37.4 rows/s

vendor (Lookup)

20 rows in 0.06s
322.58 rows/s

contactType (Lookup)

3120 rows in 1s
3120 rows/s

dim.vendorContacts (Main)

3120 rows in 1s
3120 rows/s

Dim_VendorContacts

vendor

19972 rows in 0.116972 rows in 0.22s
181562.64 rows/s 91674.68 rows/s

email (Lookup), phone (Lookup)

3 rows in 0.08s
37.37 rows/s

contactType

Phone

PhoneNumberType

dim_vendor

Email Address

Phone

PhoneNumberType

Designer / Code / Jobscript

Job dim_vendorcontacts

Basic Run

Execution

Run Kill Clear

Starting job dim_vendorcontacts at 09:35:01/04/2021.

statistics] connecting to socket on port 3410

statistics] connected

statistics] disconnected

Job dim_vendorcontacts ended at 09:35:01/04/2021. [Exit code = 0]

Line limit: 100 Wrap

Default

Name Value

Activate Windows
Go to Settings to activate Windows.

DB:

The screenshot shows the MySQL Workbench interface. In the SQL Editor tab, a multi-line query is displayed, primarily selecting from various dimensions like DimProduct_Sold, Dim_geography, and Dim_vendorcontacts. The Result Grid tab displays the results of the last query, showing 3120 rows returned. The columns include VendorContactSK, Person_BusinessEntityID, VendorSK, Vendor_BusinessEntityID, ContactType, Title, FirstName, MiddleName, LastName, and EmailAddress. The results show multiple rows for vendor ID 1491, with various titles and contact types.

12. Dim_Vendor

Talend:

The screenshot shows the Talend Data Integration Platform. On the left, the Repository browser lists various business models and their components, including tables like dim_employee, dim_geography, and dim_location. The main workspace shows a job named "Job dim.vendors 0.1". The job diagram consists of several components: a "vendor" source, a "tMap_1" transformation, and a "Dim_Vendor" target. The "tMap_1" transformation has multiple inputs: "BUSINESSENTITYADDRESS", "ADDRESS_TYPE", "ADDRESS", and "StateProvince". It also has outputs to "Dim_Vendor" and "dim.geo". The execution log at the bottom shows the start of the job at 10:28 01/04/2021, connecting to socket on port 3761, and the job ending at 10:29 01/04/2021 with an exit code of 0. The log also includes statistics about the number of rows processed by each component.

DB:

The screenshot shows the MySQL Workbench interface. The top navigation bar includes File, Edit, View, Query, Database, Server, Tools, Scripting, and Help. The main area has a 'SQL File 1' tab open with the following SQL code:

```
1 * select * from dim_products_purchased;
2 *
3 * select * from DimProduct_Sold;
4 *
5 * Select * from DIM_geography;
6 *
7 * select * from dim_locations;
8 *
9 *
10 * select * from dim_vendors;
11 *
12 * select * from dim_productvendors;
13 *
14 * select * from DIM_vendorcontacts;
15 *
16 * select * from dim_scrapreason;
17 *
18 * select * from FCT_MerkOrderRouting;
19 *
```

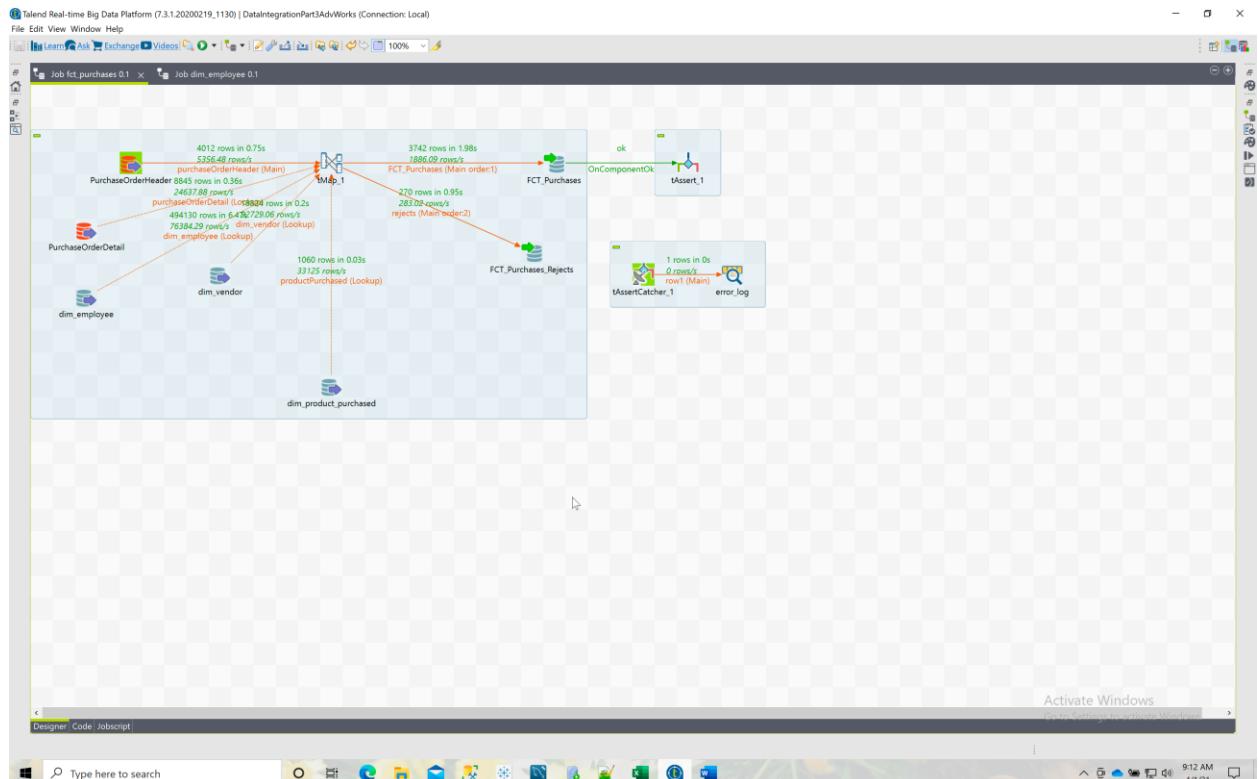
Below the code is a 'Result Grid' showing the results of the 'dim_vendors' query. The columns are VendorSK, BusinessEntityID, AccountNumber, VendorName, CreditRating, PreferredVendorStatus, ActiveFlag, PurchasingWebServiceURL, AddressLine1, and AddressLine2. The data shows 1492 entries for Australia Bike Retailer.

VendorSK	BusinessEntityID	AccountNumber	VendorName	CreditRating	PreferredVendorStatus	ActiveFlag	PurchasingWebServiceURL	AddressLine1	AddressLine2
1	1492	AUSTRAL0001	Australia Bike Retailer	1	1	1	http://192.168.1.100:8080/AdventureworksDW/Purchasing/GetPurchasingWebService.aspx?VendorID=AUSTRAL0001	Man O	
2	1492	AUSTRAL0001	Australia Bike Retailer	1	1	1	http://192.168.1.100:8080/AdventureworksDW/Purchasing/GetPurchasingWebService.aspx?VendorID=AUSTRAL0001	Man O	
3	1492	AUSTRAL0001	Australia Bike Retailer	1	1	1	http://192.168.1.100:8080/AdventureworksDW/Purchasing/GetPurchasingWebService.aspx?VendorID=AUSTRAL0001	Man O	
4	1492	AUSTRAL0001	Australia Bike Retailer	1	1	1	http://192.168.1.100:8080/AdventureworksDW/Purchasing/GetPurchasingWebService.aspx?VendorID=AUSTRAL0001	Man O	
5	1492	AUSTRAL0001	Australia Bike Retailer	1	1	1	http://192.168.1.100:8080/AdventureworksDW/Purchasing/GetPurchasingWebService.aspx?VendorID=AUSTRAL0001	Man O	
6	1492	AUSTRAL0001	Australia Bike Retailer	1	1	1	http://192.168.1.100:8080/AdventureworksDW/Purchasing/GetPurchasingWebService.aspx?VendorID=AUSTRAL0001	Man O	
7	1492	AUSTRAL0001	Australia Bike Retailer	1	1	1	http://192.168.1.100:8080/AdventureworksDW/Purchasing/GetPurchasingWebService.aspx?VendorID=AUSTRAL0001	Man O	
8	1492	AUSTRAL0001	Australia Bike Retailer	1	1	1	http://192.168.1.100:8080/AdventureworksDW/Purchasing/GetPurchasingWebService.aspx?VendorID=AUSTRAL0001	Man O	
9	1492	AUSTRAL0001	Australia Bike Retailer	1	1	1	http://192.168.1.100:8080/AdventureworksDW/Purchasing/GetPurchasingWebService.aspx?VendorID=AUSTRAL0001	Man O	
10	1492	AUSTRAL0001	Australia Bike Retailer	1	1	1	http://192.168.1.100:8080/AdventureworksDW/Purchasing/GetPurchasingWebService.aspx?VendorID=AUSTRAL0001	Man O	
11	1492	AUSTRAL0001	Australia Bike Retailer	1	1	1	http://192.168.1.100:8080/AdventureworksDW/Purchasing/GetPurchasingWebService.aspx?VendorID=AUSTRAL0001	Man O	
12	1492	AUSTRAL0001	Australia Bike Retailer	1	1	1	http://192.168.1.100:8080/AdventureworksDW/Purchasing/GetPurchasingWebService.aspx?VendorID=AUSTRAL0001	Man O	
13	1492	AUSTRAL0001	Australia Bike Retailer	1	1	1	http://192.168.1.100:8080/AdventureworksDW/Purchasing/GetPurchasingWebService.aspx?VendorID=AUSTRAL0001	Man O	
14	1492	AUSTRAL0001	Australia Bike Retailer	1	1	1	http://192.168.1.100:8080/AdventureworksDW/Purchasing/GetPurchasingWebService.aspx?VendorID=AUSTRAL0001	Man O	
15	1492	AUSTRAL0001	Australia Bike Retailer	1	1	1	http://192.168.1.100:8080/AdventureworksDW/Purchasing/GetPurchasingWebService.aspx?VendorID=AUSTRAL0001	Man O	
16	1492	AUSTRAL0001	Australia Bike Retailer	1	1	1	http://192.168.1.100:8080/AdventureworksDW/Purchasing/GetPurchasingWebService.aspx?VendorID=AUSTRAL0001	Man O	
17	1492	AUSTRAL0001	Australia Bike Retailer	1	1	1	http://192.168.1.100:8080/AdventureworksDW/Purchasing/GetPurchasingWebService.aspx?VendorID=AUSTRAL0001	Man O	
18	1492	AUSTRAL0001	Australia Bike Retailer	1	1	1	http://192.168.1.100:8080/AdventureworksDW/Purchasing/GetPurchasingWebService.aspx?VendorID=AUSTRAL0001	Man O	
19	1492	AUSTRAL0001	Australia Bike Retailer	1	1	1	http://192.168.1.100:8080/AdventureworksDW/Purchasing/GetPurchasingWebService.aspx?VendorID=AUSTRAL0001	Man O	

The bottom status bar shows the message '5920 row(s) returned' and the duration '0.000 sec / 0.015 sec'. The taskbar at the bottom right shows the date '4/1/21' and time '10:29 AM'.

13. Fct_Purchases & Rejects

Talend:



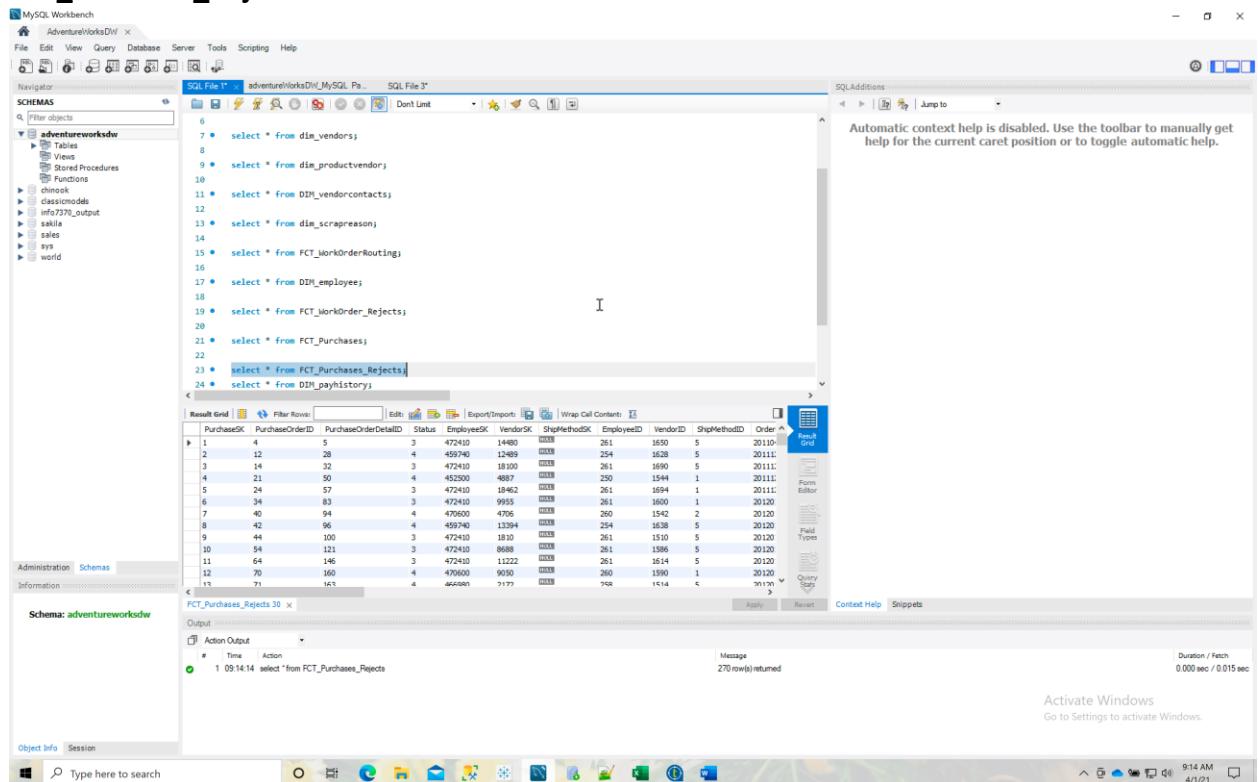
DB:

FCT_Purchase:

The MySQL Workbench interface shows the "adventureworksDW" database. The "adventureworksdw" schema is selected. The "FCT_Purchases" table is open, displaying its structure and data. The table has columns: PurchaseOrderSK, PurchaseOrderID, PurchaseOrderDetailID, Status, EmployeeSK, ShippedtoSK, EmployeeID, VendorID, ShipMethodID, OrderDate, and Rowguid. A sample data grid shows 15 rows of purchase order data.

PurchaseOrderSK	PurchaseOrderID	PurchaseOrderDetailID	Status	EmployeeSK	ShippedtoSK	EmployeeID	VendorID	ShipMethodID	OrderDate	Rowguid
1	1	1	4	465989	8145	258	1580	3	2011-01-01 00:00:00.000	00000000-0000-0000-0000-000000000000
2	2	3	4	459740	543	254	1496	5	2011-01-01 00:00:00.000	00000000-0000-0000-0000-000000000000
3	3	4	4	465170	362	257	1494	2	2011-01-01 00:00:00.000	00000000-0000-0000-0000-000000000000
4	5	6	4	454310	14842	251	1654	4	2011-01-01 00:00:00.000	00000000-0000-0000-0000-000000000000
5	6	7	4	457930	15747	253	1664	3	2011-01-01 00:00:00.000	00000000-0000-0000-0000-000000000000
6	7	10	4	461550	17014	255	1678	3	2011-01-01 00:00:00.000	00000000-0000-0000-0000-000000000000
7	8	15	4	465020	11403	258	1518	5	2011-01-01 00:00:00.000	00000000-0000-0000-0000-000000000000
8	9	20	4	463790	18848	259	1492	5	2011-01-01 00:00:00.000	00000000-0000-0000-0000-000000000000
9	10	23	4	452500	10136	250	1602	5	2011-01-01 00:00:00.000	00000000-0000-0000-0000-000000000000
10	11	27	4	466990	4525	258	1540	4	2011-01-01 00:00:00.000	00000000-0000-0000-0000-000000000000
11	13	31	4	465170	10317	257	1604	4	2011-01-01 00:00:00.000	00000000-0000-0000-0000-000000000000
12	15	33	4	454310	6878	251	1566	5	2011-01-01 00:00:00.000	00000000-0000-0000-0000-000000000000
13	14	34	4	457930	18874	251	1508	5	2011-01-01 00:00:00.000	00000000-0000-0000-0000-000000000000

FCT_Purchase_Reject



The screenshot shows the MySQL Workbench interface with the following details:

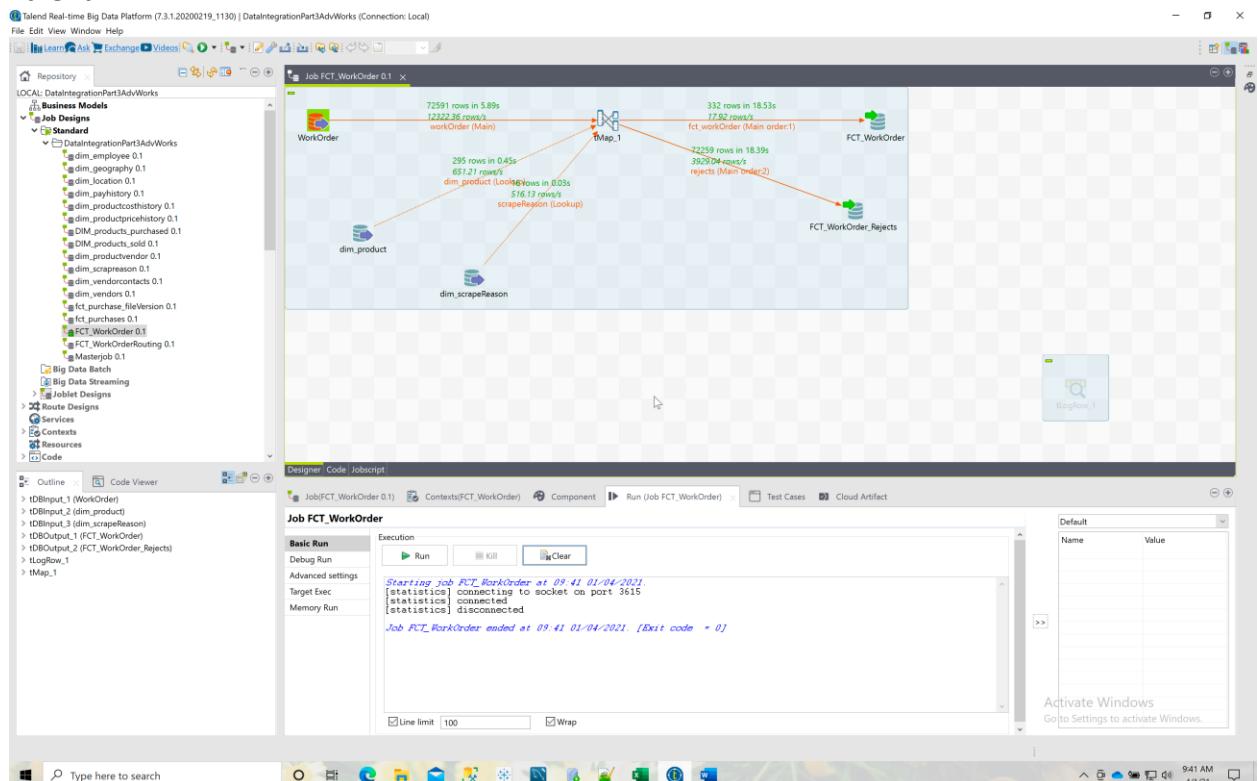
- Query Editor:** The SQL File 1 tab contains the following query:


```

6
7 *   select * from dim_vendors;
8
9 *   select * from dim_productvendor;
10
11 *  select * from DIM_vendorcontacts;
12
13 *  select * from dim_scrapreason;
14
15 *  select * from FCT_WorkOrderRouting;
16
17 *  select * from DHM_employee;
18
19 *  select * from FCT_WorkOrder_Rejects;
20
21 *  select * from FCT_Purchases;
22
23 *  select * from FCT_Purchases_Rejects;
24 *  select * from DHM_payhistory;
```
- Result Grid:** The results of the query are displayed in a grid format. The columns include PurchaseOrderID, PurchaseOrderDetailID, Status, EmployeeSK, VendorSK, ShipMethodSK, EmployeeID, VendorID, ShipMethodID, OrderDate, and more. The data shows approximately 270 rows.
- Information Bar:** Shows the duration of the fetch operation as 0.000 sec / 0.015 sec.
- System Bar:** Shows the date and time as 4/1/21 9:14 AM.

14. FCT_WorkOrder & Rejects

Talend:



DB:

Adventureworks_purchase

Shweta Gupta

```

MySQL Workbench
File Edit View Query Database Server Tools Scripting Help
adventureworksDW > SQL File 1 > adventureworksDW_MySQL Pa... SQL File 3*
SELECT * FROM fct_workorder;
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| WorkOrderSK | WorkOrderID | ProductSK | OrderQty | StackedQty | ScrappedQty | WorkOrder_StartDateSK | WorkOrder_EndDateSK | WorkOrder_DueDateSK |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| 1       | 69          | 106        | 120      | 224         | 0           | 20110603          | 20110619          | 20110614          |
| 2       | 85          | 290        | 220      | 220         | 4           | 20110603          | 20110619          | 20110614          |
| 3       | 136         | 29          | 72       | 72          | 2           | 20110603          | 20110619          | 20110614          |
| 4       | 1325        | 40          | 62       | 62          | 1           | 20110704          | 20110714          | 20110715          |
| 5       | 1344         | 241         | 1122     | 1111        | 21          | 20110704          | 20110720          | 20110715          |
| 6       | 1365         | 100         | 635       | 623         | 12          | 20110704          | 20110720          | 20110715          |
| 7       | 2573         | 102         | 407       | 393         | 14          | 20110804          | 20110820          | 20110815          |
| 8       | 2577         | 108         | 428       | 125         | 3           | 20110804          | 20110820          | 20110815          |
| 9       | 2589         | 246         | 407       | 395         | 12           | 20110804          | 20110820          | 20110815          |
| 10      | 2593         | 292         | 409       | 395         | 14           | 20110804          | 20110820          | 20110815          |
| 11      | 2607         | 98          | 279       | 269         | 10           | 20110804          | 20110820          | 20110815          |
| 12      | 3739         | 106         | 187       | 182         | 5           | 20110903          | 20110919          | 20110914          |
| 13      | 3740         | 106         | 187       | 182         | 7           | 20110903          | 20110919          | 20110914          |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+

```

Output:

#	Time	Action	Message	Duration / Fetch
1	09:42:35	Select * from fct_workorder	332 row(s) returned	0.000 sec / 0.000 sec

Activate Windows
Go to Settings to activate Windows.

Rejects

```

MySQL Workbench
File Edit View Query Database Server Tools Scripting Help
adventureworksDW > SQL File 1 > adventureworksDW_MySQL Pa... SQL File 3*
SELECT * FROM FCT_WorkOrder_Rejects;
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| RejectWorkOrderRoutingSK | WorkOrderID | ProductSK | OrderQty | StackedQty | ScrappedQty | WorkOrder_StartDateSK | WorkOrder_EndDateSK | WorkOrder_DueDateSK |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| 1       | 1           | 18          | 8          | 8           | 0           | 20110603          | 20110613          | 20110614          |
| 2       | 2           | 21          | 15         | 15          | 0           | 20110603          | 20110613          | 20110614          |
| 3       | 3           | 22          | 9          | 9           | 0           | 20110603          | 20110613          | 20110614          |
| 4       | 4           | 23          | 16          | 16          | 0           | 20110603          | 20110613          | 20110614          |
| 5       | 5           | 26          | 14          | 14          | 0           | 20110603          | 20110613          | 20110614          |
| 6       | 6           | 28          | 16          | 16          | 0           | 20110603          | 20110613          | 20110614          |
| 7       | 7           | 29          | 4           | 4           | 0           | 20110603          | 20110613          | 20110614          |
| 8       | 8           | 34          | 19          | 19          | 0           | 20110603          | 20110613          | 20110614          |
| 9       | 9           | 37          | 2           | 2           | 0           | 20110603          | 20110613          | 20110614          |
| 10      | 10          | 38          | 3           | 3           | 0           | 20110603          | 20110613          | 20110614          |
| 11      | 11          | 39          | 1           | 1           | 0           | 20110603          | 20110613          | 20110614          |
| 12      | 12          | 41          | 1           | 1           | 0           | 20110603          | 20110613          | 20110614          |
| 13      | 13          | 43          | 4           | 4           | 0           | 20110603          | 20110613          | 20110614          |
+-----+-----+-----+-----+-----+-----+-----+-----+-----+

```

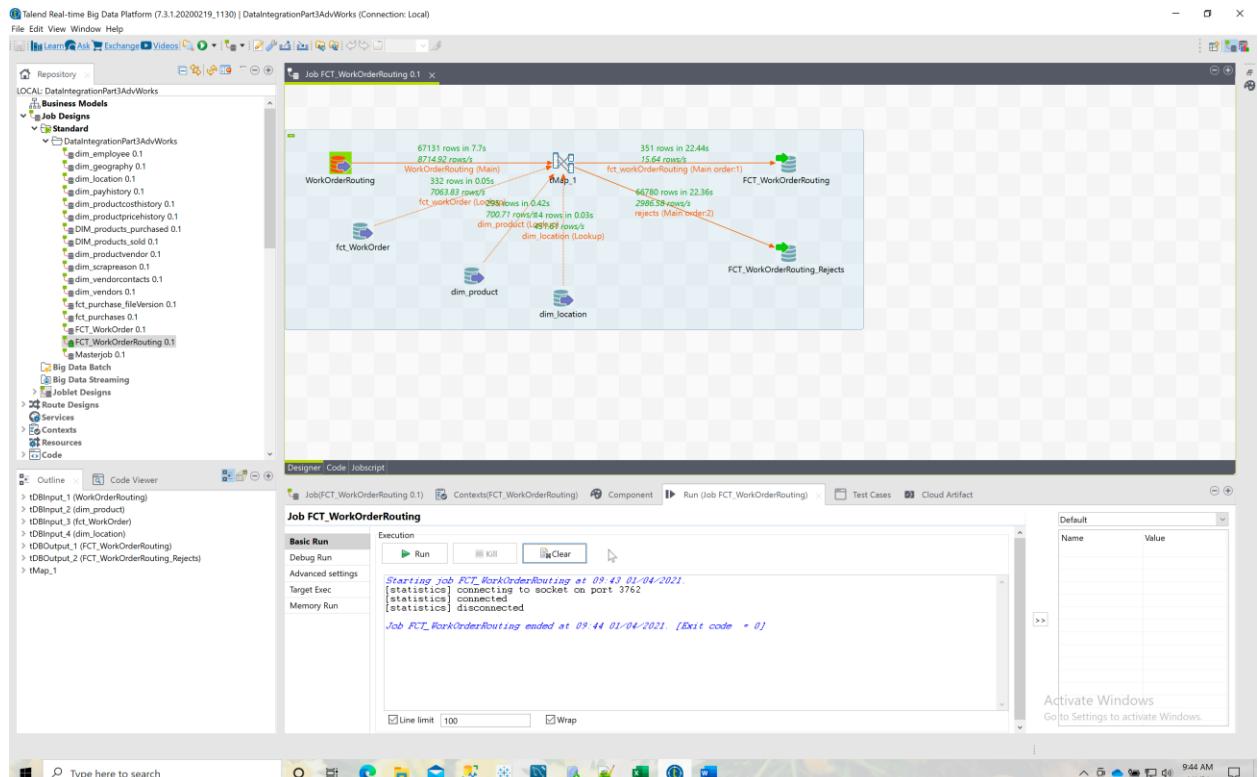
Output:

#	Time	Action	Message	Duration / Fetch
1	09:43:06	select * from FCT_WorkOrder_Rejects	7259 row(s) returned	0.000 sec / 0.531 sec

Activate Windows
Go to Settings to activate Windows.

15. FCT_WorkOrderRouting & Rejects

Talend:



DB:

Rejects:

Adventureworks_purchase

Shweta Gupta

The screenshot shows the MySQL Workbench interface with the following details:

- MySQL Workbench** window title.
- File**, **Edit**, **View**, **Query**, **Database**, **Server**, **Tools**, **Scripting**, **Help** menu items.
- Navigator** pane on the left showing the **adventureworksdw** schema with tables like **dim_geography**, **dim_location**, **dim_vendor**, **dim_productvendor**, **dim_vendorcontacts**, **dim_scrapreason**, **fct_workorderRouting**, and **fct_workorderrouting_rejects**.
- SQL File 1** tab active, containing the following SQL code:

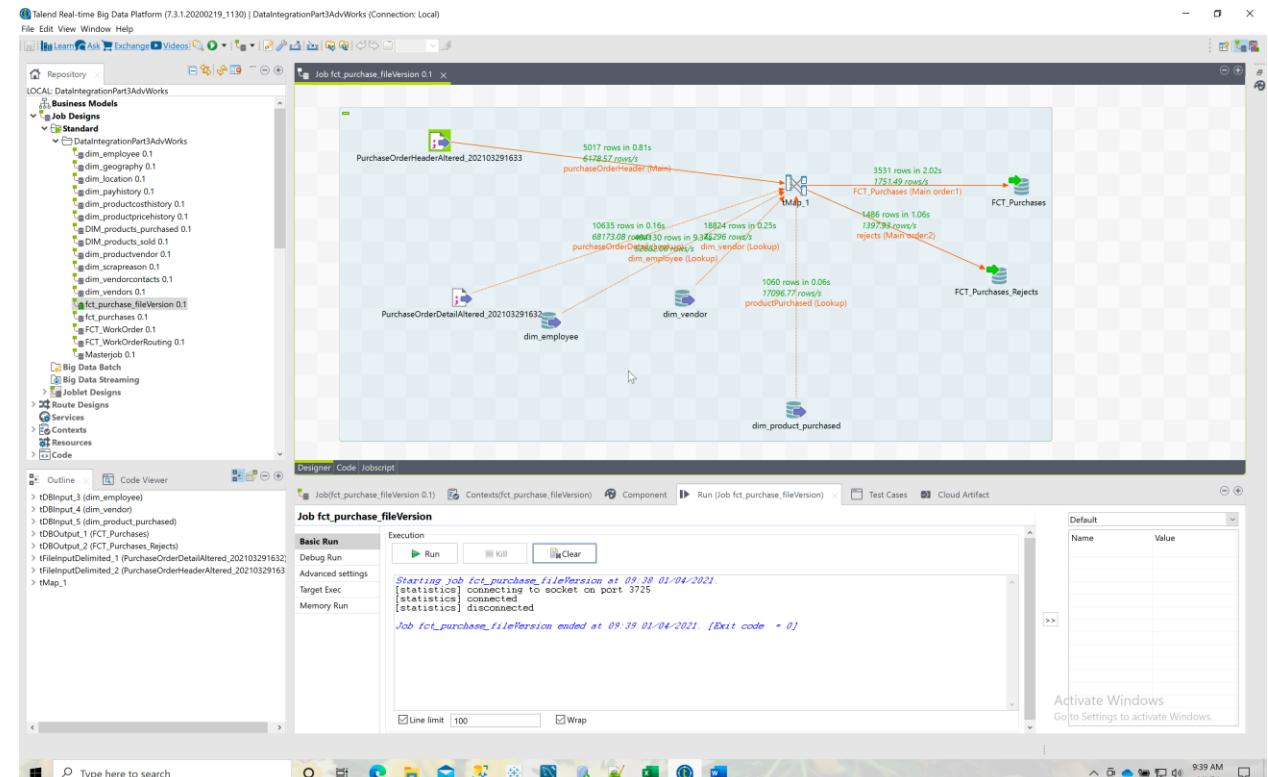
```
4 *  Select * from DM_geography;
5 *  select * from dim_location;
6 *
7 *  select * from dim_vendor;
8 *
9 *  select * from dim_productvendor;
10 * select * from dim_vendorcontacts;
11 *
12 *  select * from dim_scrapreason;
13 *
14 *  select * from fct_workorderRouting;
15 *
16 *  select * from fct_workorderrouting_rejects;
17 *
18 *  select * from fct_workorderrouting_rejects;
19 *
20 *  select * from fct_workorderrouting_rejects;
21 *
22 *  select * from dim_employee;
```
- Result Grid** pane showing the results of the last query on the **fct_workorderrouting_rejects** table. The table has columns: WorkOrderRoutingSK, WorkOrderSK, ProductSK, OperatorSequence, LocationSK, ScheduledStartDate, ScheduledEndDate, ActualStart, and ActualEnd. The data shows 12 rows of rejects.
- Action Output** pane at the bottom showing the execution log:

#	Time	Action
1	09:45:52	selected * from fct_workorderrouting_rejects

Message: 66780 rows returned. Duration / Fetch: 0.016 sec / 0.500 sec
- Windows taskbar at the bottom with icons for Start, Task View, File Explorer, Edge, Mail, Photos, Videos, Games, Control Panel, Task Manager, and Start.

16. FCT_PurchaseFileVersion

Talend:



DB:

The screenshot shows the MySQL Workbench interface. The SQL Editor tab contains the following query:

```

SELECT * FROM FCT_Purchases;
    
```

The results grid shows 3531 rows returned in 0.016 sec / 0.047 sec. The columns in the result grid are: PurchaseSK, PurchaseOrderID, PurchaseOrderDetailID, Status, EmployeeSK, VendorSK, ShipMethodSK, EmployeeID, VendorID, ShipMethodID, OrderID, and RowID.

Rejects

MySQL Workbench

AdventureWorksDW X

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SQL File 1: adventureworksDW_MySQL Pa... SQL File 3*

```

10 • select * from dim_vendors;
11
12 • select * from dim_productvendor;
13
14 • select * from DIM_vendorcontacts;
15
16 • select * from dim_scrapreason;
17
18 • select * from FCT_WorkOrderRouting;
19
20 • select * from DIM_employee;
21
22 • select * from FCT_WorkOrder_Rejects;
23
24 • select * from FCT_Purchases;
25
26
27 • select * from FCT_Purchases_Rejects;
28 • select * from DIM_pahistory;

```

Result Grid

VendorID	ShipMethodID	OrderDateSK	OrderDate	ShipDate	ProductPurchasedSK	SubTotal	TaxAmt	I
1650	5	20171116	20171125	2017-11-16 00:00:00.000	2017-11-25 00:00:00.000	0	171.08	13.69
1651	5	20171116	20171125	2017-11-16 00:00:00.000	2017-11-25 00:00:00.000	0	171.08	13.69
1693	5	20180714	20180723	2018-07-14 00:00:00.000	2018-07-23 00:00:00.000	0	694.17	55.53
1662	5	20180714	20180723	2018-07-14 00:00:00.000	2018-07-23 00:00:00.000	0	1796.04	145.68
1696	2	20180715	20180723	2018-07-15 00:00:00.000	2018-07-23 00:00:00.000	0	79204.13	6326.33
1694	1	20180715	20180723	2018-07-15 00:00:00.000	2018-07-23 00:00:00.000	0	4215.78	337.26
1598	4	20180715	20180723	2018-07-15 00:00:00.000	2018-07-23 00:00:00.000	0	722.61	57.81
1618	4	20180820	20180820	2018-08-20 00:00:00.000	2018-08-20 00:00:00.000	0	114.47	9.16
2002	4	20180822	20180822	2018-08-22 00:00:00.000	2018-08-22 00:00:00.000	0	2180.09	174.65
1688	4	20180924	20180924	2018-09-24 00:00:00.000	2018-09-24 00:00:00.000	0	907.09	74.57
1590	1	20180925	20180925	2018-09-25 00:00:00.000	2018-09-25 00:00:00.000	0	525.00	42.00
1578	3	20180929	20180929	2018-09-29 00:00:00.000	2018-09-29 00:00:00.000	0	62943.55	5027.48
1700	4	20180929	20180929	2018-09-29 00:00:00.000	2018-09-29 00:00:00.000	n	72641.98	5777.40

Output

Action Output

Time Action

1 09:40:28 select * from FCT_Purchases_Rejects

Message

1495 row(s) returned

Duration / Fetch

0.000 sec / 0.000 sec

Activate Windows

Go to Settings to activate Windows.

Object Info Session

Type here to search

9:40 AM 4/1/21