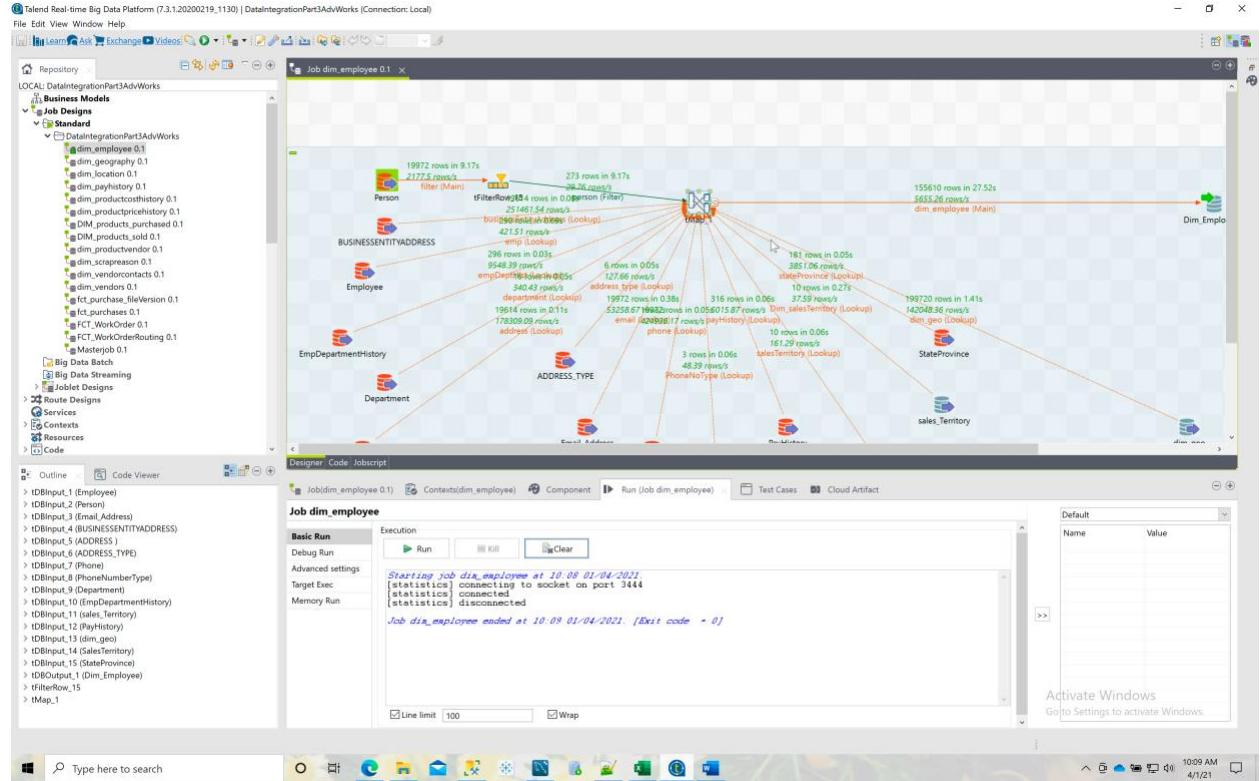


## TALEND AND DB SCREENSHOTS

### 1. Dim\_employee

Talend:



## 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\_location', 'dim\_vendors', and 'dim\_productvendors'. The main area contains a SQL editor window with the following script:

```

6 *   select * from dim_location;
7 *
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_WorkOrderRouting;
19 *
20 *  select * from fct_workorderrouting_rejects;
21 *
22 *  select * from DIM_employee;
23 *
24 *  Select * from fct_workorder

```

The results grid below shows the output of the 'select \* from DIM\_employee' statement, with 155610 rows returned. The columns include EmployeeSK, BusinessEntityID, EmployeeNationalID, GeoSK, SalesTerritorySK, AddressLine1, AddressLine2, AddressType, Purchase\_Buyer, FirstName, MiddleName, LastName, BirthDate, HireDate, JobTitle, Rate, SalariedFlag, IsSalesPerson, CommRate, CommissionPct, NationalIDNumber, MaritalStatus, Gender, HireDate, and JobTitle.

## 2. Dim\_Geography

### Talend:

The screenshot shows the Talend Data Integration Platform interface. On the left, the Repository browser displays various business models and components. The central workspace shows a job diagram titled 'Job.dim\_geography.0.1' with a complex network of data flows between sources like 'Person', 'ADDRESS', 'sales\_Territory', and 'StateProvince' and a target 'Dim\_Geography' table. The execution log at the bottom indicates the job started at 10:13 01/04/2021 and ended at 10:13 01/04/2021 with an exit code of 0. The log details numerous lookups and their row counts, such as 19973 rows in 9.31s for 'dim\_employee' (Main), 187740 rows in 24.14s for 'dim\_geography' (Main), and various lookups for 'dim\_address', 'dim\_salesTerritory', 'countryRegion', and 'stateProvince'.

## 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\_productvendors', 'Dim\_vendorcontacts', 'dim\_scrapreason', and 'FCT\_WorkOrderRouting'. A SQL file tab titled 'adventureworksDW\_MySQL\_P...' is open, containing a multi-select 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_productvendors ;
13
14 * select * from Dim_vendorcontacts ;
15
16 * select * from dim_scrapreason ;
17
18 * select * from FCT_WorkOrderRouting ;
19

```

The bottom half of the screen shows a 'Result Grid' window displaying data from the 'Dim\_geography' table. The grid has columns: GeoID, City, StateProvinceID, StateProvinceCode, StateProvinceName, IsOnlyStateProvinceFlag, CountryRegionCode, CountryRegionName, Po... (partially visible). The data shows various locations in Washington (WA) and United States (US). The status bar at the bottom right indicates a duration of 0.687 sec.

### 3. Dim\_location

#### Talend:

The screenshot shows the Talend Data Integration Platform interface. On the left, the Repository browser displays a 'Business Models' section with a 'Standard' folder containing 'DataIntegrationPart3AdvWorks' which includes components like 'dim\_employee\_0.1', 'dim\_geography\_0.1', 'dim\_location\_0.1', 'dim\_physiology\_0.1', 'dim\_productcategory\_0.1', 'dim\_productsubcategory\_0.1', 'Dim\_products\_sold\_0.1', 'dim\_productsupplier\_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'. Below the repository is the 'Job dim\_location 0.1' editor window. The job flow diagram shows a 'Location' component connected to a 'tMap\_1' component, which then connects to a 'Dim\_Location' component. The 'tMap\_1' component has two statistics boxes: '14 rows in 0.95s' and '14.69 rows/s' for the 'location (Main)' port, and '14 rows in 1.86s' and '7.53 rows/s' for the 'dim\_location (Main)' port. The execution log at the bottom shows the job starting at 09-21 01:04:2021 and ending at 09-21 01:04:2021 with an exit code of 0.

**DB:**

The screenshot shows the MySQL Workbench interface. In the top-left, the Navigator pane displays the schema 'adventureworksdw' with its tables, stored procedures, and functions. The central area contains a SQL editor window with the following query:

```

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 bottom half of the screen shows the 'Result Grid' for the 'dim\_location' table, which has 13 rows. The columns are: LocationSK, LocationID, LocationName, CostRate, Availability, ModifiedDate, DL\_JobID, DL\_Create\_Date, DL\_Modified\_Date. The results include entries like 'Tool Crib', 'Sheet Metal Racks', 'Paint Shop', etc.

## 4. Dim\_Payhistory

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 main workspace displays a job named 'Job dim\_payhistory 0.1'. The job flow diagram shows the following steps:

- An 'i.payHistory\_Truncate' component is connected to an 'ok' node.
- The 'ok' node connects to an 'EmployeePayHistory\_Altered\_202103291656' component.
- The 'EmployeePayHistory\_Altered\_202103291656' component has two outputs:
  - One output to a 'tMap\_1' component, which then connects to a 'dim\_employee' database table.
  - The other output connects to a 'tDBSCD\_1' component.
- The 'dim\_employee' table has an output to 'tDBSCD\_1'.
- 'tDBSCD\_1' has an output to 'tMap\_1'.
- 'tMap\_1' has an output to 'tDBSCD\_1'.

Execution details for the job are shown in the bottom panel:

- Starting job dim\_payhistory at 09-23 01/04/2021.
- Statistics connecting to socket on port 4015.
- Statistics connected.
- Statistics disconnected.
- Job dim\_payhistory ended at 09-23 01/04/2021. [Exit code = 0]

## DB:

The screenshot shows the MySQL Workbench interface. In the top navigation bar, 'adventureworksDW' is selected. The left sidebar shows the 'adventureworksdw' schema with various tables like dim\_productvendor, DIM\_vendorcontacts, and FCT\_WorkOrder\_Rejects. A query editor window is open with the following SQL code:

```

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

```

The results grid shows a table named 'Dm\_phistory\_37' with columns: PayHistorySK, EmployeeSK, Rate, PayFrequency, ModifiedDate, scd\_start, scd\_end, scd\_version, and scd\_id. The data consists of 3451 rows. Below the results grid, the message '3451 row(s) returned' is displayed.

## 5. Dim\_productCostHistory

Talend:

The screenshot shows the Talend Studio interface. On the left, the 'Repository' sidebar lists various business models, standard components, and specific objects like 'dim\_productcosthistory\_0.1'. The main workspace displays a job flow titled 'Job dim\_productcosthistory\_0.1'. The flow starts with a 'tFileInputDelimited\_10' component connected to a 'ProductCostAltered\_202103291657' component. This is followed by a 'tMap\_10' component, which has two outputs: one to a 'dim\_product' database and another to a 'tDBSCD\_13' component. The 'dim\_product' database connection is labeled 'out\_scd (Main)'. The 'tDBSCD\_13' component is also associated with 'out\_scd (Main)'. The 'tMap\_10' component has performance metrics: 3325 rows in 12.23s, 271.78 rows/s, and 3325 rows in 12.28s, 270.72 rows/s. The overall job execution time is 09:25 01/04/2021. The bottom status bar shows 'Activate Windows' and the date '4/1/21'.

## 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', and 'Functions'. Below the Navigator is a SQL Editor window containing a multi-line SQL script. The script includes several 'select \*' statements from various tables such as 'FCT\_WarehouseRouting', 'DIM\_employee', 'FCT\_Warehouse\_Rejects', 'FCT\_Purchases', 'FCT\_Purchases\_Rejects', 'DIM\_pricingHistory', and 'DIM\_productcosthistory'. The bottom half of the screen shows the 'Result Grid' pane, which displays the results of the last 'select \* from DIM\_productcosthistory' statement. The grid has columns: ProductCostHistorySK, ProductSK, StandardCost, ModifiedDate, scd\_start, scd\_end, scd\_Version, and scd\_Active. The data consists of 3325 rows, with the first few rows shown below:

ProductCostHistorySK	ProductSK	StandardCost	ModifiedDate	scd_start	scd_end	scd_Version	scd_Active
1	3	12.03	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	13.03	2012-05-29 00:00:00.000	2012-05-30 00:00:00.000	2013-05-30 00:00:00.000	2	0
3	3	13.09	2012-05-29 00:00:00.000	2012-05-30 00:00:00.000	2014-05-30 00:00:00.000	3	0
4	3	14.16	2014-05-20 00:00:00.000	2014-05-30 00:00:00.000	2015-05-30 00:00:00.000	4	0
5	3	14.44	2015-05-29 00:00:00.000	2015-05-30 00:00:00.000	2015-11-30 00:00:00.000	5	0
6	3	14.87	2015-11-29 00:00:00.000	2015-11-30 00:00:00.000	2016-05-30 00:00:00.000	6	0
7	3	15.32	2016-05-29 00:00:00.000	2016-05-30 00:00:00.000	2016-11-30 00:00:00.000	7	0
8	3	15.93	2016-05-29 00:00:00.000	2016-05-30 00:00:00.000	2017-05-30 00:00:00.000	8	0
9	3	16.57	2017-05-29 00:00:00.000	2017-05-30 00:00:00.000	2018-05-30 00:00:00.000	9	0
10	3	17.73	2018-05-29 00:00:00.000	2018-05-30 00:00:00.000	2019-05-30 00:00:00.000	10	0
11	3	18.97	2019-05-29 00:00:00.000	2019-05-30 00:00:00.000	2020-05-30 00:00:00.000	11	0
12	3	20.30	2020-05-29 00:00:00.000	2020-05-30 00:00:00.000	2020-11-30 00:00:00.000	12	0
13	1	?? ??	2020-11-29 00:00:00.000	2020-11-30 00:00:00.000	2021-05-30 00:00:00.000	13	1

## 6. Dim\_productPriceHistory

### Talend:

The screenshot shows the Talend Studio interface. On the left, the Repository browser displays the 'Business Models' section, specifically the 'Standard' model under 'DataIntegrationPart3AdvWorks'. The central area shows a job flow diagram titled 'Job dim\_productPriceHistory\_0.1'. The flow starts with an 'OnSubjobOk' component connected to a 'dim\_productPriceHistory\_Truncate' component. This is followed by a 'ProductListPriceHistory' component, which is highlighted in red with performance metrics: '395 rows in 1.2s', '328.35 rows/s', 'productPrice (Main)', and 'tMap\_1'. The output of 'ProductListPriceHistory' goes to a 'tMap\_1' component, which is also highlighted in red with metrics: '295 rows in 0.08s', '3782.05 rows/s', 'dim\_product (Lookup)', and 'tDSCD\_1'. Finally, the data is sent to a 'tDSCD\_1' component. The bottom of the screen shows the 'Job dim\_productPriceHistory' execution details, including the start time '09:26:24 01/04/2021', the connection 'DataIntegrationPart3AdvWorks (Connection: Local)', and the message 'Starting job dim\_productPriceHistory at 09:26 01/04/2021. [statistics] connecting to socket on port 3819 [statistics] connected [statistics] disconnected'. The execution status is shown as 'Job dim\_productPriceHistory ended at 09:27 01/04/2021. [Exit code = 0]'.

## DB:

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

```

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_pchistory;
29
30
31 * select * from DIM_productpricehistory;
32

```

Below the query is a Result Grid table with columns: ProductPriceHistoryKey, ProductSK, ListPrice, ModifiedDate, scd\_start, scd\_end, scd\_Version, scd\_Active. The table contains 13 rows of data. At the bottom of the grid, it says '395 row(s) returned'.

## 7. Dim\_ProductsPurchased

### 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 main workspace displays a job named 'Job DIM\_products.purchased 0.1'. The diagram shows a flow from 'Product' to 'Dim\_product\_purchased' through 'Map.1'. The 'Map.1' component is connected to 'category', 'subcategory', and 'Model'. The execution statistics for the job are as follows:

- Product (Main): 285 rows in 0.38s, 700.67 rows/s
- dim\_product\_purchased (Main): 1060 rows in 1.22s, 869.57 rows/s
- Map.1:
  - category (Lookup): 4 rows in 0.11s, 36.38 rows/s
  - subcategory (Lookup): 37 rows in 0.73s, 52.41 rows/s
  - Model (Lookup): 128 rows in 0.28s, 455.52 rows/s

The bottom section shows the 'Job DIM\_products.purchased' execution log, which includes the start time '09.28.01-04-2021', target 'statistics' connected, and end time 'Job DIM\_products\_purchased ended at 09.28.01-04-2021 [Exit code = 0]'.

## DB:

The screenshot shows the MySQL Workbench interface. In the top-left, the Navigator pane displays the schema structure of the 'adventureworksdw' database. A SQL editor window titled 'adventureworksDW\_MySQL\_P...' contains 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' pane below shows the results of the first query, specifically the 'dim\_products\_purchased' table. The columns are ProductPurchasedSK, ProductID, ProductNumber, ProductName, ProductSubcategoryID, ProductSubcategoryName, ProductCategoryID, ProductCategoryName, and a timestamp column. The results show 1050 rows.

## 8. Dim\_ProductsSold

### Talend:

The screenshot shows the Talend Data Integration Platform. On the left, the Repository browser lists various business models and components. The main area shows a job named 'Job DIM\_products\_sold 0.1'. The job flow diagram consists of three main components: 'Product' (input), 'category' (lookup), and 'Dim\_product\_sold' (output). The 'category' component is connected to the 'Product' component via a 'Map' component, which also connects to the 'Dim\_product\_sold' component. The 'category' component is a 'category (Lookup)' component. The 'Dim\_product\_sold' component is a 'Dim\_product\_purchased (Main)' component. The execution log at the bottom shows the job starting and ending successfully at 09:29 01-04-2021.

## 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\_productvendors', '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_productvendors;
13 *
14 * select * from DIM_vendorcontacts;
15 *
16 * select * from dim_scrapreason;
17 *
18 * select * from FCT_WorkOrderRouting;
19

```

The Result Grid pane below shows the output of the query, listing various products and their details such as ProductSubcategoryID, ProductCategoryID, and ProductName. The results are as follows:

ProductSubSKU	ProductID	ProductSubcategoryID	ProductSubcategoryName	ProductCategoryID	ProductCategoryName	ProductName
1	680	14	Road Frames	2	Components	HL Road Frame - Black, 58
2	200	14	Road Frames	2	Components	HL Road Frame - Black, 58
3	707	31	Accessories	4	Accessories	Sport-100 Helmet, Red
4	708	31	Accessories	4	Accessories	Sport-100 Helmet, Black
5	709	23	Socks	3	Clothing	Mountain Bike Socks, M
6	710	23	Socks	3	Clothing	Mountain Bike Socks, L
7	711	31	Accessories	4	Accessories	Sport-100 Helmet, Blue
8	712	19	Caps	3	Clothing	AWIC Logo Cap
9	713	21	Jerseys	3	Clothing	Long-Sleeve Logo Jersey, S
10	714	21	Jerseys	3	Clothing	Long-Sleeve Logo Jersey, M
11	715	21	Jerseys	3	Clothing	Long-Sleeve Logo Jersey, L
12	716	21	Jerseys	3	Clothing	Long-Sleeve Logo Jersey, XL
13	717	14	Broad Frames	?	Components	HL Broad Frame - Silver A7

## 9. Dim\_productVendor

### Talend:

The screenshot shows the Talend Real-time Big Data Platform interface. On the left, the Repository sidebar lists various business models, standard components, and specific datasets like 'dim\_employee\_0.1', 'dim\_geography\_0.1', etc. The main workspace displays a job flow titled 'Job dim\_productvendor 0.1'. The flow consists of several components connected by arrows, with data volumes and processing times indicated. The components include 'productVendor', 'dim\_vendor', 'dim\_productPurchased', 'Product', and 'dim\_productVendor'. The execution log at the bottom shows the start and end of the job, indicating it ran successfully.

**Job dim\_productvendor**

**Basic Run**

Execution: **Run** **Kill** **Clear**

Starting job dim\_productvendor at 09:49 01/04/2021.  
[statistics] connecting to socket on port 3794  
[statistics] connected  
[statistics] disconnected  
Job dim\_productvendor ended at 09:50 01/04/2021. [Exit code = 0]

**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 'adventureworksdw' with various tables like 'dim\_geography', 'dim\_location', 'dim\_vendors', etc. Below it, the SQL Editor pane contains a multi-line query:

```

4 *   Select * from dim_geography;
5 *
6 *   select * from dim_location;
7 *
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 fct_workorderrejects;
21 *
22 *  select * from dim_employee;

```

The bottom half of the screen shows the 'Result Grid' with data from the 'dim\_productvendor' table. The columns include ProductVendorSK, ProductPurchasedSK, VendorSK, ProductID, VendorID, AverageLeadTime, StandardPrice, LastReceiptCost, LastReceiptDateSK, LastReceived, and LastReceivedDate. There are 460 rows returned.

## 10. Dim\_ScrapeReason

Talend:

The screenshot shows the Talend Studio interface. On the left, the Repository browser shows a 'Business Models' section with 'Standard' and 'DataIntegrationPart3AdvWorks'. The 'DataIntegrationPart3AdvWorks' standard contains various components like 'dim\_employee\_0.1', 'dim\_geography\_0.1', etc. The main workspace displays a job flow titled 'Job dim\_scrapreason 0.1'. The flow consists of three main steps: 'scrapReason' (Input), 'tMap\_1' (Transformation), and 'dim\_scrapReason (Main)' (Output). The transformation step has two rows: '16 rows in 0.19s' and '85.17 rows/s'. The output step has two rows: '16 rows in 0.67s' and '23.87 rows/s'. The right side of the screen shows the 'Basic Run' tab of the job configuration, which includes execution details and a log window. The log window shows the start and end of the job execution.

**DB:**

The screenshot shows the MySQL Workbench interface. In the top-left pane, the Navigator displays the schema structure of the 'adventureworksdw' database, including tables like 'Tables', 'Views', 'Stored Procedures', and various dimension and fact tables. The main area contains two tabs: 'SQL File 1' and 'SQL File 2'. Both tabs show a series of SELECT statements. The first tab's SQL code is as follows:

```

1 * select * from DimProduct_Sold;
2 *
3 * Select * from DIM_geography;
4 *
5 * select * from dim_location;
6 *
7 * select * from dim_vendors;
8 *
9 *
10 * select * from dim_productvendor;
11 *
12 * select * from dim_vendorcontacts;
13 *
14 * select * from DIM_scrapreason;
15 *
16 * select * from FCT_WorkOrderRouting;
17 *
18 * select * from DIM_employee;
19 *
20 *
21
  
```

The second tab has a similar set of statements. Below the tabs is a 'Result Grid' window showing the results of a query against the 'dim\_scrapreason' table. The grid has columns: ScrapReasonK, ScrapReasonID, ScrapReasonName, DI\_JobID, DI\_Create\_Date, and DI\_Modified\_Date. The data includes rows for various scrap reasons such as 'Brake assembly not as ordered', 'Drill pattern incorrect', and 'Drill size too large'. At the bottom of the interface, there is a 'Log' window showing the execution time and duration of the queries.

## 11. Dim\_VendorContacts

Talend:

The screenshot shows the Talend Data Integration Platform interface. On the left, the 'Repository' sidebar lists various business models, standard objects, and specific objects related to the 'DataIntegrationPart3AdvWorks' connection. The central workspace displays the 'Job dim\_vendorcontacts 0.1' diagram. This diagram illustrates a complex ETL process involving multiple data sources and lookups. Sources include 'Person', 'Vendor', 'ContactType', 'Email Address', 'Phone', and 'PhoneNumberType'. Lookups are performed against tables like 'dim.vendorContacts', 'dim.vendor', and 'dim.vendorContactType'. The diagram shows data volumes and processing times for each step. Below the diagram, the 'Job dim\_vendorcontacts' execution log is visible, showing the start and end of the job, statistics, and memory usage. The log output includes messages like 'Starting job dim\_vendorcontacts at 09/30/01/04/2021' and 'Job dim\_vendorcontacts ended at 09/30/01/04/2021 [Exit code = 0]'. The bottom of the screen shows the Windows taskbar and system tray.

**DB:**

The screenshot shows the MySQL Workbench interface. In the top navigation bar, 'adventureworksDW' is selected. The left sidebar shows the 'adventureworksdw' schema with various tables like 'Tables', 'Views', 'Stored Procedures', etc. A query editor window titled 'SQL File 1' contains the following code:

```

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_scrapreasons;
17 *
18 *  select * from FCT_WorkOrderRouting;
19 *
20 *  select * from DIM_employee;
21

```

The results grid below shows the output of the last query, 'select \* from DIM\_vendorcontacts'. The columns are: VendorContactSK, Person\_BusinessEntityID, VendorSK, Vendor\_BusinessEntityID, ContactType, Title, FirstName, MiddleName, LastName, and EmailAddress. There are 13 rows returned.

## 12. Dim\_Vendor

Talend:

The screenshot shows the Talend Real-time Big Data Platform interface. The top navigation bar includes 'File', 'Edit', 'View', 'Window', and 'Help'. The left sidebar shows the 'Repository' with 'Business Models' and 'Standard' sections, including 'DataIntegrationPart3AdvWorks' which contains various components like 'dim\_employee 0.1', 'dim\_geography 0.1', etc. The main workspace displays a job diagram for 'Job dim\_vendors 0.1'. The diagram shows data flows between 'ADDRESS\_TYPE', 'ADDRESS', 'BUSINESSENTITYADDRESS', 'tMap\_1', and 'Dim\_Vendor'. The 'tMap\_1' component is highlighted with a tooltip showing performance metrics: 104 rows in 1.78s, 58.39 rows/s, vendor (Main), 19614 rows in 0.31s, 62664.54 rows/s, businessentityaddress (Lookup), 6 rows in 0.05s, 0.00 rows/s, addressType (Lookup), 19614 rows in 0.53s, 36937.85 rows/s, address (Lookup), 181 rows in 0.06s, 2919.35 rows/s, stateProvince (Lookup). The 'Dim\_Vendor' component is shown with 5928 rows in 4.62s, 1281.73 rows/s, dim\_vendor (Main). The bottom pane shows the 'Job dim\_vendors' execution log with the message: 'Starting job dim\_vendors at 10:28 01/04/2021 [statistics] connecting to socket on port 3781 [statistics] connected [statistics] disconnected Job dim\_vendors ended at 10:29 01/04/2021. [Exit code = 0]'.

**DB:**

The screenshot shows the MySQL Workbench interface. The top menu bar includes File, Edit, View, Query, Database, Server, Tools, Scripting, and Help. The left sidebar displays the Navigator with the Schemas section expanded, showing the 'adventureworksdw' schema with its tables, stored procedures, functions, and other objects. The main area contains a SQL Editor tab with the following query:

```

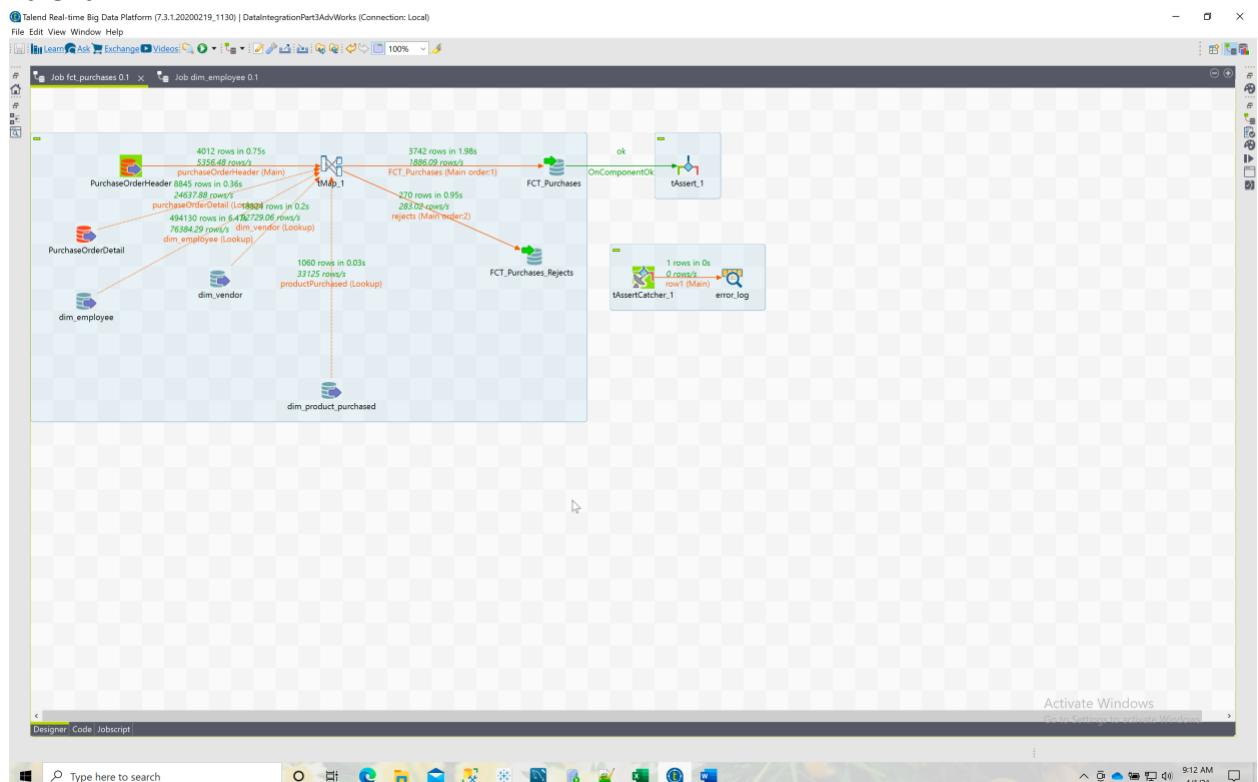
3 *   select * from DimProduct_Sold;
4 *
5 *   Select * from DIM_geography;
6 *
7 *   select * from dim_location;
8 *
9 *
10 *  select * from dim_vendors;
11 *
12 *  select * from dim_productvendor;
13 *
14 *  select * from DIM_vendorcontacts;
15 *
16 *  select * from dim_scrapreason;
17 *
18 *  select * from FCT_NetWorkOrderRouting;
19 *
20 *  select * from DIM_employee;
21

```

The Results Grid shows the output of the query, specifically the 'dim\_vendors' table, with 1882 rows returned. The columns include VendorSK, BusinessEntityID, AccountNumber, VendorName, CreditRating, PreferredVendorStatus, ActiveFlag, PurchasingWebServiceURL, AddressLine1, AddressLine2, City, StateProvince, PostalCode, and CountryRegionCode. The results show multiple entries for 'Australia Bike Retailer' with various vendor IDs.

### **13. Fct\_Purchases & Rejects**

Talend:



DB:

## **FCT Purchase:**

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

- File Bar:** File, Edit, View, Query, Database, Server, Tools, Scripting, Help.
- Toolbar:** Includes icons for New, Open, Save, Print, Copy, Paste, Find, and others.
- Navigator:** Shows the database schema for "AdventureworksDW".
- SQL Editor:** Contains a multi-line query window with the following SQL code:

```
4
5 • Select * from DIM_geography;
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 DIM_employee;
18
19 • select * from FCT_WorkOrder_Rejects;
20
21 • select * from FCT_Purchases;
22
```
- Result Grid:** Displays the results of the last query (FCT\_Purchases) in a tabular format. The columns are PurchaseSK, PurchaseOrderID, PurchaseOrderDetailID, Status, EmployeeSK, VendorSK, ShipMethodSK, EmployeeID, VendorID, ShipMethodID, Order, and Order. The data includes rows for purchases 1 through 14.
- Status Bar:** Shows "Activate Windows Go to Settings to activate Windows." and "Duration / Fetch 0.000 sec / 0.01 sec".
- Taskbar:** Shows the Start button, task switcher, and system tray with icons for battery, signal, volume, and clock (9:13 AM).

## FCT\_Purchase\_Reject

```

MySQL Workbench
File Edit View Query Database Server Tools Scripting Help
Schemas: adventureworksdw
SQL File 1: [adventureworksDW]_MySQL_P... SQL File 3:
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_pahistory;

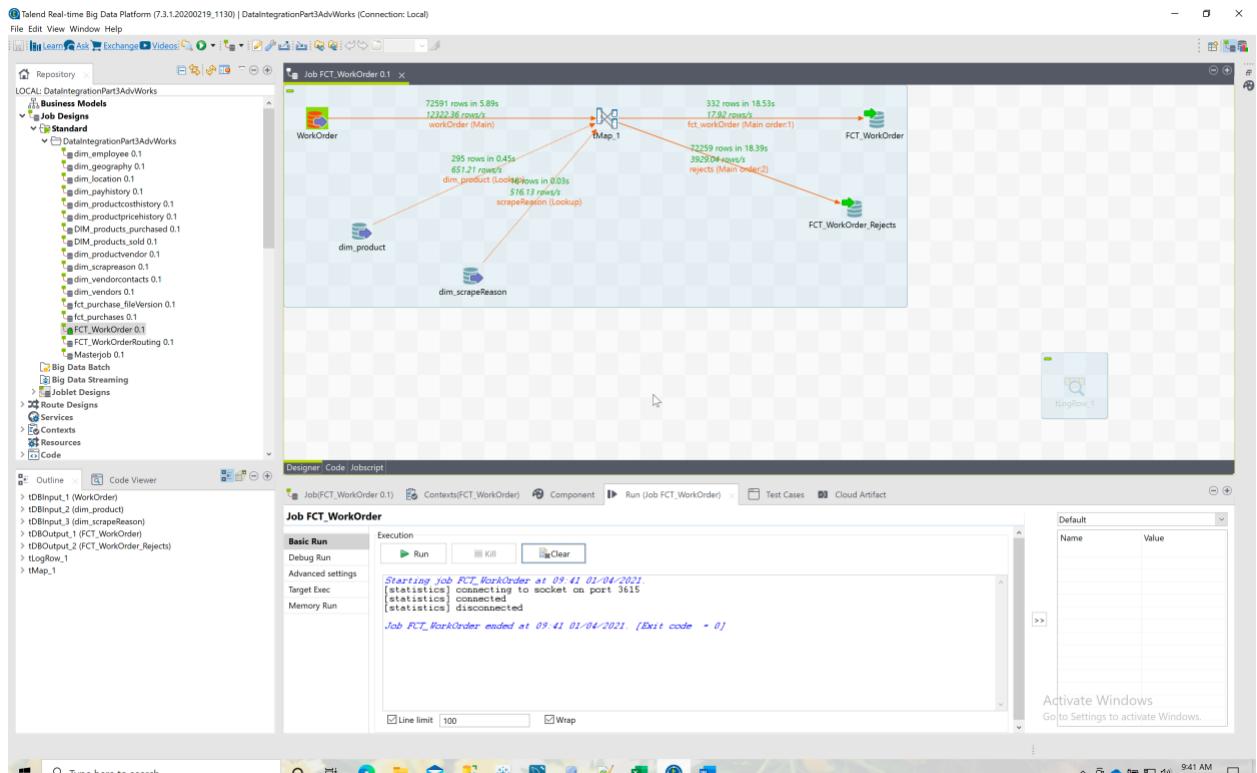
Result Grid
PurchaseOrderID PurchaseOrderDetailID Status EmployeeSK VendorSK ShipMethodSK EmployeeID VendorID ShipMethodID Order
1 4 5 3 472410 14480 261 1650 5 20110
2 12 28 4 489210 12469 257 1625 5 20111
3 14 32 3 472410 18100 261 1650 5 20111
4 21 50 4 452500 4887 250 1544 1 20111
5 24 57 3 472410 18462 261 1694 1 20111
6 34 83 3 472410 9955 261 1600 1 20120
7 40 94 4 470600 4706 260 1542 2 20120
8 42 96 4 489740 13394 254 1638 5 20120
9 44 100 3 472410 18100 261 1530 5 20120
10 54 121 3 472410 8888 261 1386 5 20120
11 64 146 3 472410 11222 261 1614 5 20120
12 70 160 4 470600 9050 260 1590 1 20120
13 71 161 4 460400 3177 248 1414 4 20120

```

Activation Windows  
Go to Settings to activate Windows.

## 14. FCT\_WorkOrder & Rejects

Talend:



DB:

# Team 4 | Spring 2021 | MS IS | INFO 7370 Sec 01 | Prof: Rick Sherman

**MySQL Workbench**

**adventureworksDW**

**SQL File 1** | **adventureworksDW\_MySQL Pa...** | **SQL File 3\***

**adventureworksdw**

**Tables**

**Views**

**Stored Procedures**

**Functions**

**chicago**

**classicmodels**

**info7370\_output**

**sales**

**sales**

**sys**

**world**

**10 • select \* from dim\_geography;**

**11 • select \* from dim\_location;**

**12 • select \* from dim\_vendor;**

**13 • select \* from dim\_productvendor;**

**14 • select \* from dim\_vendorcontacts;**

**15 • select \* from dim\_scrapreason;**

**16 • select \* from FCT\_WorkOrderRouting;**

**17 • select \* from DIM\_employee;**

**21 • Select \* from fct\_workorder;**

**23 • select \* from FCT\_WorkOrder\_Rejects;**

**Result Grid** | **Filter Rows** | **Edit** | **Export/Import** | **Wrap Cell Content:** **WorkOrderID** **ProductSK** **OrderQty** **StockedQty** **ScrappedQty** **WorkOrder\_StartDateSK** **WorkOrder\_EndDateSK** **WorkOrder\_DueDateSK**

WorkOrderID	ProductSK	OrderQty	StockedQty	ScrappedQty	WorkOrder_StartDateSK	WorkOrder_EndDateSK	WorkOrder_DueDateSK	
1	69	106	120	117	3	20110603	20110619	20110614
2	85	290	224	220	4	20110603	20110619	20110614
3	136	29	72	70	2	20110704	20110714	20110715
4	1325	40	62	41	1	20110704	20110714	20110715
5	1344	241	1132	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	128	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	179	169	10	20110804	20110820	20110815
12	3729	106	187	182	5	20110903	20110919	20110914
13	3730	106	187	182	5	20110903	20110919	20110914
14	3731	706	941	944	7	20110903	20110919	20110914

**Output**

**Action 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.

**Object Info** | **Session**

**Rejects**

**MySQL Workbench**

**adventureworksDW**

**SQL File 1** | **adventureworksDW\_MySQL Pa...** | **SQL File 3\***

**adventureworksdw**

**Tables**

**Views**

**Stored Procedures**

**Functions**

**chicago**

**classicmodels**

**info7370\_output**

**sales**

**sales**

**sys**

**world**

**6 • select \* from dim\_locations;**

**7 • select \* from dim\_vendor;**

**10 • select \* from dim\_productvendor;**

**12 • select \* from dim\_vendorcontacts;**

**15 • select \* from dim\_scrapreason;**

**16 • select \* from FCT\_WorkOrderRouting;**

**17 • select \* from DIM\_employee;**

**21 • Select \* from fct\_workorder;**

**23 • select \* from FCT\_WorkOrder\_Rejects;**

**Result Grid** | **Filter Rows** | **Edit** | **Export/Import** | **Wrap Cell Content:** **RejectWorkOrderRoutingSK** **WorkOrderID** **ProductSK** **OrderQty** **StockedQty** **ScrappedQty** **WorkOrder\_StartDateSK** **WorkOrder\_EndDateSK** **WorkOrder\_DueDateSK**

RejectWorkOrderRoutingSK	WorkOrderID	ProductSK	OrderQty	StockedQty	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	25	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	41	4	4	0	20110603	20110613	20110614

**Output**

**Action Output**

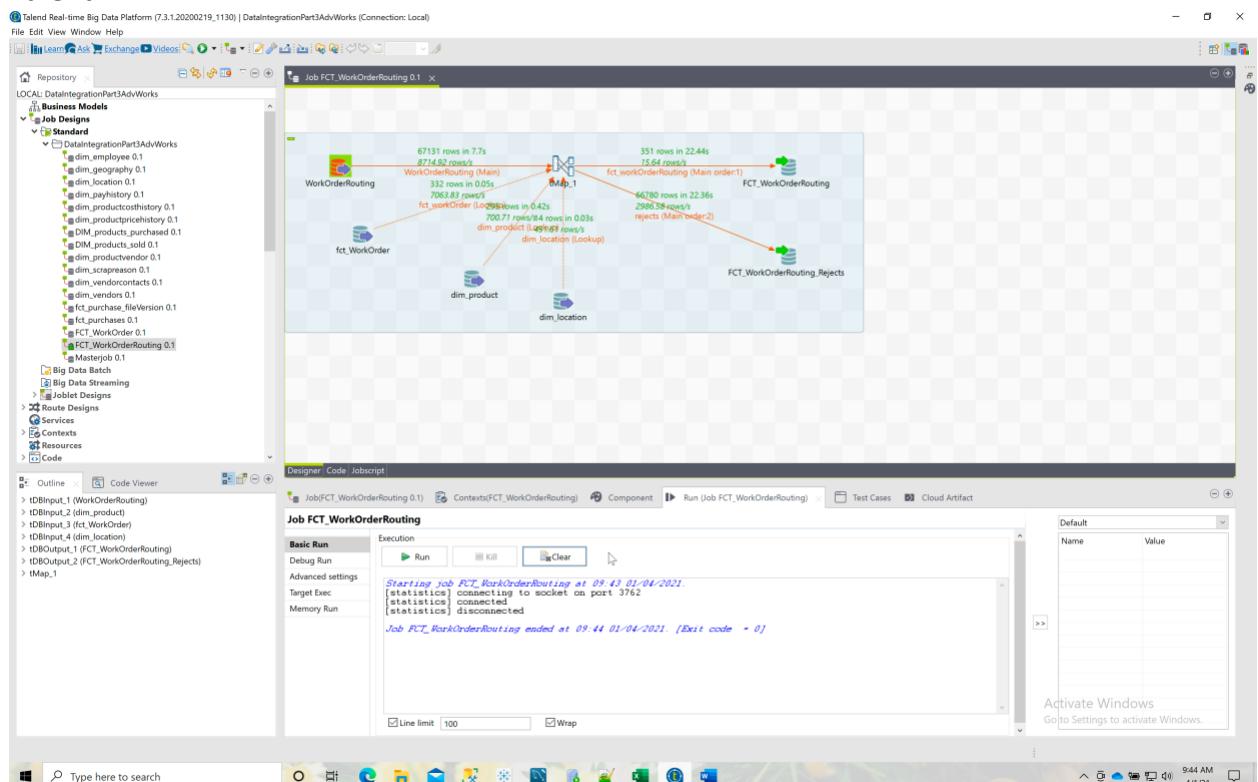
#	Time	Action	Message	Duration / Fetch
1	09:43:06	select * from FCT_WorkOrder_Rejects	7229 row(s) returned	0.000 sec / 0.531 sec

**Activate Windows**  
Go to Settings to activate Windows.

**Object Info** | **Session**

## 15. FCT\_WorkOrderRouting & Rejects

Talend:



DB:

The screenshot shows the MySQL Workbench interface. The top navigation bar includes File, Edit, View, Query, Database, Server, Tools, Scripting, and Help. The Navigator pane shows the schema structure of the adventureworksdw database, including tables like dim\_geography, dim\_location, dim\_vendor, dim\_productvendor, dim\_vendorcontact, dim\_scrapreason, and fact\_workorder. The SQL Editor pane contains the following query:

```

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
20 *  select * from DIM_employee;
21
22 *  Select * from fact_workorder;

```

The Results Grid pane displays the results of the query, showing 351 rows returned. The columns include WorkOrderRoutingSK, WorkOrderSK, ProductSK, OperationSequence, LocationSK, ScheduledStartDate, ScheduledEndDate, ActualStartDate, and ActualEndDate. The bottom status bar indicates the duration of 0.000 sec / 0.015 sec.

Rejects:

# Team 4 | Spring 2021 | MS IS | INFO 7370 Sec 01 | Prof: Rick Sherman

The screenshot shows the MySQL Workbench interface. The top menu bar includes File, Edit, View, Query, Database, Server, Tools, Scripting, and Help. The left sidebar displays the Navigator with the schema 'adventureworksdw' selected, showing tables like 'dim\_geography', 'dim\_location', 'dim\_vendors', 'dim\_productvendors', 'dim\_vendorcontacts', 'dim\_scrapreason', 'fct\_workorderRouting', and 'fct\_workorderRouting\_rejects'. The main area has two tabs: 'SQL File 1' and 'SQL File 2'. The SQL File 1 tab contains the following script:

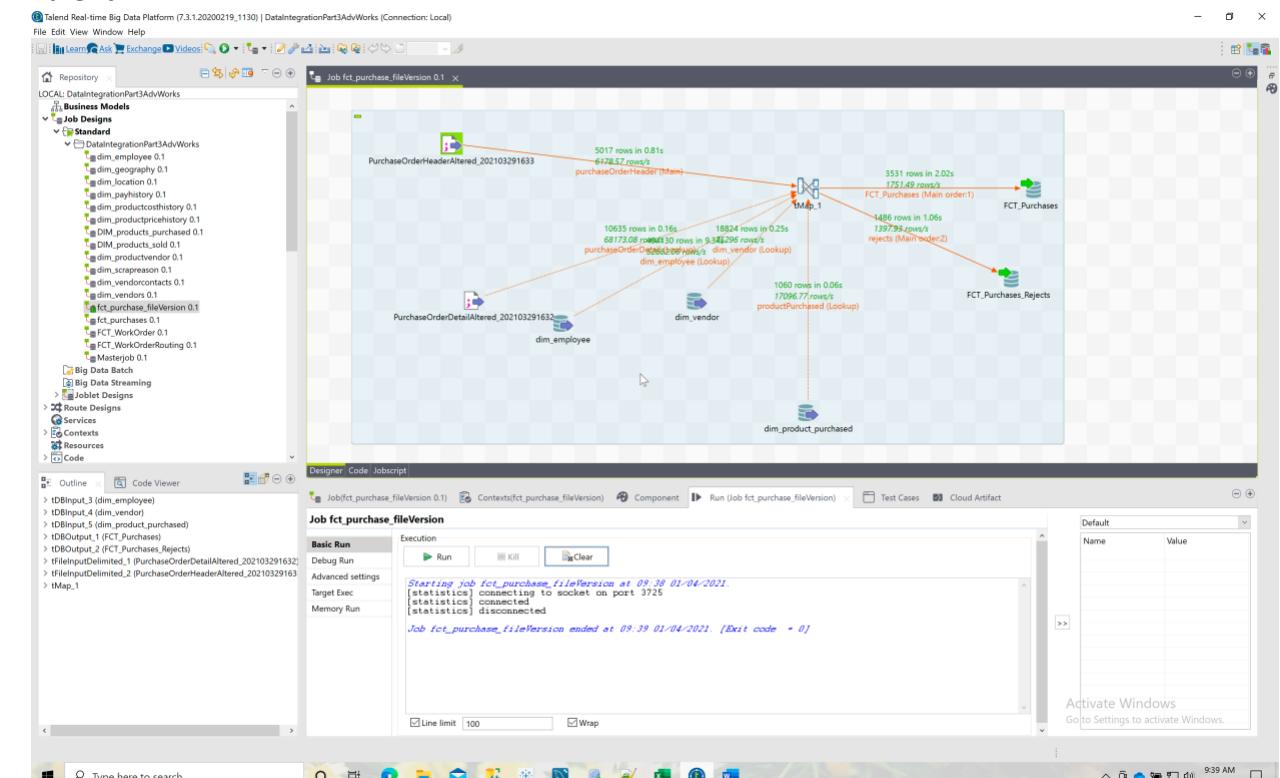
```
5 *  Select * from DIM_geography;
6 *
7 *  select * from dim_location;
8 *
9 *
10 *   select * from dim_vendors;
11 *
12 *   select * from dim_productvendors;
13 *
14 *   select * from DIM_vendorcontacts;
15 *
16 *   select * from dim_scrapreason;
17 *
18 *   select * from FCT_WorkOrderRouting;
19 *
20 *   select * from fct_workorderRouting_rejects;
21 *
22 *   select * from DIM_employee;
```

The SQL File 2 tab is currently empty. Below the script, the 'Result Grid' pane displays the results of the last query, 'select \* from fct\_workorderRouting\_rejects;'. The results are as follows:

WorkOrderRoutingID	WorkOrderSK	ProductSK	OperationSequence	LocationID	ScheduledStartDate	ScheduledEndDate	ActualStartE	ActualEndE
1	0	0	1	0	2011-06-03 00:00:00.000	2011-06-14 00:00:00.000	2011-06-03 00:00:00.000	2011-06-03 00:00:00.000
2	0	0	2	0	2011-06-03 00:00:00.000	2011-06-14 00:00:00.000	2011-06-03 00:00:00.000	2011-06-03 00:00:00.000
3	0	0	3	0	2011-06-03 00:00:00.000	2011-06-14 00:00:00.000	2011-06-03 00:00:00.000	2011-06-03 00:00:00.000
4	0	0	4	0	2011-06-03 00:00:00.000	2011-06-14 00:00:00.000	2011-06-03 00:00:00.000	2011-06-03 00:00:00.000
5	0	0	6	0	2011-06-03 00:00:00.000	2011-06-14 00:00:00.000	2011-06-03 00:00:00.000	2011-06-03 00:00:00.000
6	0	0	7	0	2011-06-03 00:00:00.000	2011-06-14 00:00:00.000	2011-06-03 00:00:00.000	2011-06-03 00:00:00.000
7	0	0	1	0	2011-06-03 00:00:00.000	2011-06-14 00:00:00.000	2011-06-03 00:00:00.000	2011-06-03 00:00:00.000
8	0	0	2	0	2011-06-03 00:00:00.000	2011-06-14 00:00:00.000	2011-06-03 00:00:00.000	2011-06-03 00:00:00.000
9	0	0	3	0	2011-06-03 00:00:00.000	2011-06-14 00:00:00.000	2011-06-03 00:00:00.000	2011-06-03 00:00:00.000
10	0	0	5	0	2011-06-03 00:00:00.000	2011-06-14 00:00:00.000	2011-06-03 00:00:00.000	2011-06-03 00:00:00.000
11	0	0	6	0	2011-06-03 00:00:00.000	2011-06-14 00:00:00.000	2011-06-03 00:00:00.000	2011-06-03 00:00:00.000
12	0	0	7	0	2011-06-03 00:00:00.000	2011-06-14 00:00:00.000	2011-06-03 00:00:00.000	2011-06-03 00:00:00.000
13	0	0	8	0	2011-06-03 00:00:00.000	2011-06-14 00:00:00.000	2011-06-03 00:00:00.000	2011-06-03 00:00:00.000
14	0	0	9	0	2011-06-03 00:00:00.000	2011-06-14 00:00:00.000	2011-06-03 00:00:00.000	2011-06-03 00:00:00.000
15	0	0	10	0	2011-06-03 00:00:00.000	2011-06-14 00:00:00.000	2011-06-03 00:00:00.000	2011-06-03 00:00:00.000
16	0	0	11	0	2011-06-03 00:00:00.000	2011-06-14 00:00:00.000	2011-06-03 00:00:00.000	2011-06-03 00:00:00.000
17	0	0	12	0	2011-06-03 00:00:00.000	2011-06-14 00:00:00.000	2011-06-03 00:00:00.000	2011-06-03 00:00:00.000
18	0	0	13	0	2011-06-03 00:00:00.000	2011-06-14 00:00:00.000	2011-06-03 00:00:00.000	2011-06-03 00:00:00.000
19	0	0	14	0	2011-06-03 00:00:00.000	2011-06-14 00:00:00.000	2011-06-03 00:00:00.000	2011-06-03 00:00:00.000
20	0	0	15	0	2011-06-03 00:00:00.000	2011-06-14 00:00:00.000	2011-06-03 00:00:00.000	2011-06-03 00:00:00.000
21	0	0	16	0	2011-06-03 00:00:00.000	2011-06-14 00:00:00.000	2011-06-03 00:00:00.000	2011-06-03 00:00:00.000
22	0	0	17	0	2011-06-03 00:00:00.000	2011-06-14 00:00:00.000	2011-06-03 00:00:00.000	2011-06-03 00:00:00.000
23	0	0	18	0	2011-06-03 00:00:00.000	2011-06-14 00:00:00.000	2011-06-03 00:00:00.000	2011-06-03 00:00:00.000
24	0	0	19	0	2011-06-03 00:00:00.000	2011-06-14 00:00:00.000	2011-06-03 00:00:00.000	2011-06-03 00:00:00.000
25	0	0	20	0	2011-06-03 00:00:00.000	2011-06-14 00:00:00.000	2011-06-03 00:00:00.000	2011-06-03 00:00:00.000
26	0	0	21	0	2011-06-03 00:00:00.000	2011-06-14 00:00:00.000	2011-06-03 00:00:00.000	2011-06-03 00:00:00.000
27	0	0	22	0	2011-06-03 00:00:00.000	2011-06-14 00:00:00.000	2011-06-03 00:00:00.000	2011-06-03 00:00:00.000
28	0	0	23	0	2011-06-03 00:00:00.000	2011-06-14 00:00:00.000	2011-06-03 00:00:00.000	2011-06-03 00:00:00.000
29	0	0	24	0	2011-06-03 00:00:00.000	2011-06-14 00:00:00.000	2011-06-03 00:00:00.000	2011-06-03 00:00:00.000
30	0	0	25	0	2011-06-03 00:00:00.000	2011-06-14 00:00:00.000	2011-06-03 00:00:00.000	2011-06-03 00:00:00.000
31	0	0	26	0	2011-06-03 00:00:00.000	2011-06-14 00:00:00.000	2011-06-03 00:00:00.000	2011-06-03 00:00:00.000
32	0	0	27	0	2011-06-03 00:00:00.000	2011-06-14 00:00:00.000	2011-06-03 00:00:00.000	2011-06-03 00:00:00.000
33	0	0	28	0	2011-06-03 00:00:00.000	2011-06-14 00:00:00.000	2011-06-03 00:00:00.000	2011-06-03 00:00:00.000
34	0	0	29	0	2011-06-03 00:00:00.000	2011-06-14 00:00:00.000	2011-06-03 00:00:00.000	2011-06-03 00:00:00.000
35	0	0	30	0	2011-06-03 00:00:00.000	2011-06-14 00:00:00.000	2011-06-03 00:00:00.000	2011-06-03 00:00:00.000
36	0	0	31	0	2011-06-03 00:00:00.000	2011-06-14 00:00:00.000	2011-06-03 00:00:00.000	2011-06-03 00:00:00.000
37	0	0	32	0	2011-06-03 00:00:00.000	2011-06-14 00:00:00.000	2011-06-03 00:00:00.000	2011-06-03 00:00:00.000
38	0	0	33	0	2011-06-03 00:00:00.000	2011-06-14 00:00:00.000	2011-06-03 00:00:00.000	2011-06-03 00:00:00.000
39	0	0	34	0	2011-06-03 00:00:00.000	2011-06-14 00:00:00.000	2011-06-03 00:00:00.000	2011-06-03 00:00:00.000
40	0	0	35	0	2011-06-03 00:00:00.000	2011-06-14 00:00:00.000	2011-06-03 00:00:00.000	2011-06-03 00:00:00.000
41	0	0	36	0	2011-06-03 00:00:00.000	2011-06-14 00:00:00.000	2011-06-03 00:00:00.000	2011-06-03 00:00:00.000
42	0	0	37	0	2011-06-03 00:00:00.000	2011-06-14 00:00:00.000	2011-06-03 00:00:00.000	2011-06-03 00:00:00.000
43	0	0	38	0	2011-06-03 00:00:00.000	2011-06-14 00:00:00.000	2011-06-03 00:00:00.000	2011-06-03 00:00:00.000
44	0	0	39	0	2011-06-03 00:00:00.000	2011-06-14 00:00:00.000	2011-06-03 00:00:00.000	2011-06-03 00:00:00.000
45	0	0	40	0	2011-06-03 00:00:00.000	2011-06-14 00:00:00.000	2011-06-03 00:00:00.000	2011-06-03 00:00:00.000
46	0	0	41	0	2011-06-03 00:00:00.000	2011-06-14 00:00:00.000	2011-06-03 00:00:00.000	2011-06-03 00:00:00.000
47	0	0	42	0	2011-06-03 00:00:00.000	2011-06-14 00:00:00.000	2011-06-03 00:00:00.000	2011-06-03 00:00:00.000
48	0	0	43	0	2011-06-03 00:00:00.000	2011-06-14 00:00:00.000	2011-06-03 00:00:00.000	2011-06-03 00:00:00.000
49	0	0	44	0	2011-06-03 00:00:00.000	2011-06-14 00:00:00.000	2011-06-03 00:00:00.000	2011-06-03 00:00:00.000
50	0	0	45	0	2011-06-03 00:00:00.000	2011-06-14 00:00:00.000	2011-06-03 00:00:00.000	2011-06-03 00:00:00.000
51	0	0	46	0	2011-06-03 00:00:00.000	2011-06-14 00:00:00.000	2011-06-03 00:00:00.000	2011-06-03 00:00:00.000
52	0	0	47	0	2011-06-03 00:00:00.000	2011-06-14 00:00:00.000	2011-06-03 00:00:00.000	2011-06-03 00:00:00.000
53	0	0	48	0	2011-06-03 00:00:00.000	2011-06-14 00:00:00.000	2011-06-03 00:00:00.000	2011-06-03 00:00:00.000
54	0	0	49	0	2011-06-03 00:00:00.000	2011-06-14 00:00:00.000	2011-06-03 00:00:00.000	2011-06-03 00:00:00.000
55	0	0	50	0	2011-06-03 00:00:00.000	2011-06-14 00:00:00.000	2011-06-03 00:00:00.000	2011-06-03 00:00:00.000
56	0	0	51	0	2011-06-03 00:00:00.000	2011-06-14 00:00:00.000	2011-06-03 00:00:00.000	2011-06-03 00:00:00.000
57	0	0	52	0	2011-06-03 00:00:00.000	2011-06-14 00:00:00.000	2011-06-03 00:00:00.000	2011-06-03 00:00:00.000
58	0	0	53	0	2011-06-03 00:00:00.000	2011-06-14 00:00:00.000	2011-06-03 00:00:00.000	2011-06-03 00:00:00.000
59	0	0	54	0	2011-06-03 00:00:00.000	2011-06-14 00:00:00.000	2011-06-03 00:00:00.000	2011-06-03 00:00:00.000
60	0	0	55	0	2011-06-03 00:00:00.000	2011-06-14 00:00:00.000	2011-06-03 00:00:00.000	2011-06-03 00:00:00.000
61	0	0	56	0	2011-06-03 00:00:00.000	2011-06-14 00:00:00.000	2011-06-03 00:00:00.000	2011-06-03 00:00:00.000
62	0	0	57	0	2011-06-03 00:00:00.000	2011-06-14 00:00:00.000	2011-06-03 00:00:00.000	2011-06-03 00:00:00.000
63	0	0	58	0	2011-06-03 00:00:00.000	2011-06-14 00:00:00.000	2011-06-03 00:00:00.000	2011-06-03 00:00:00.000
64	0	0	59	0	2011-06-03 00:00:00.000	2011-06-14 00:00:00.000	2011-06-03 00:00:00.000	2011-06-03 00:00:00.000
65	0	0	60	0	2011-06-03 00:00:00.000	2011-06-14 00:00:00.000	2011-06-03 00:00:00.000	2011-06-03 00:00:00.000
66	0	0	61	0	2011-06-03 00:00:00.000	2011-06-14 00:00:00.000	2011-06-03 00:00:00.000	2011-06-03 00:00:00.000
67	0	0	62	0	2011-06-03 00:00:00.000	2011-06-14 00:00:00.000	2011-06-03 00:00:00.000	2011-06-03 00:00:00.000
68	0	0	63	0	2011-06-03 00:00:00.000	2011-06-14 00:00:00.000	2011-06-03 00:00:00.000	2011-06-03 00:00:00.000
69	0	0	64	0	2011-06-03 00:00:00.000	2011-06-14 00:00:00.000	2011-06-03 00:00:00.000	2011-06-03 00:00:00.000
70	0	0	65	0	2011-06-03 00:00:00.000	2011-06-14 00:00:00.000	2011-06-03 00:00:00.000	2011-06-03 00:00:00.000
71	0	0	66	0	2011-06-03 00:00:00.000	2011-06-14 00:00:00.000	2011-06-03 00:00:00.000	2011-06-03 00:00:00.000
72	0	0	67	0	2011-06-03 00:00:00.000	2011-06-14 00:00:00.000	2011-06-03 00:00:00.000	2011-06-03 00:00:00.000
73	0	0	68	0	2011-06-03 00:00:00.000	2011-06-14 00:00:00.000	2011-06-03 00:00:00.000	2011-06-03 00:00:00.000
74	0	0	69	0	2011-06-03 00:00:00.000	2011-06-14 00:00:00.000	2011-06-	

## 16. FCT\_PurchaseFileVersion

Talend:



DB:

```

SELECT * FROM dim_locations;
SELECT * FROM dim_vendors;
SELECT * FROM dim_productvendor;
SELECT * FROM DIM_vendorcontacts;
SELECT * FROM dim_scrapreason;
SELECT * FROM FCT_WorkOrderRouting;
SELECT * FROM DIM_employee;
SELECT * FROM FCT_WorkOrder_Rejects;
SELECT * FROM FCT_Purchases;
    
```

PurchaseSK	PurchaseOrderID	PurchaseOrderDetailID	Status	EmployeeSK	VendorSK	ShipMethodSK	EmployeeID	VendorID	ShipMethodID	Order
1	1	1	4	8145	258	1580	3	20171		
2	2	3	1	45979	443	254	1580	5	20171	
3	3	4	4	465170	362	257	1404	2	20171	
4	5	6	4	454310	14842	251	1654	4	20171	
5	6	7	4	457930	15747	253	1664	3	20171	
6	7	10	4	461550	17014	255	1678	3	20171	
7	11	27	4	466980	4525	258	1540	4	20180	
8	12	28	4	467492	12629	254	1639	5	20180	
9	13	31	4	465170	12017	257	1604	4	20180	
10	14	32	3	472410	18100	261	1690	5	20180	
11	15	33	4	454310	6878	251	1566	5	20180	
12	16	34	4	457930	18824	253	1698	5	20180	
13	17	34	4	461550	61114	254	1660	4	20180	

## Rejects

