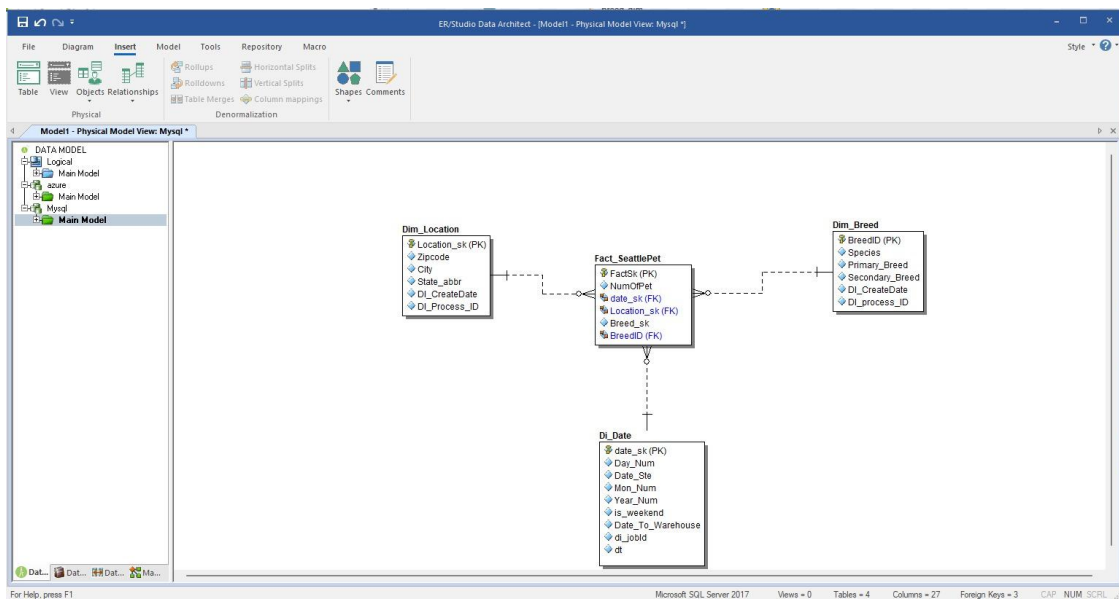
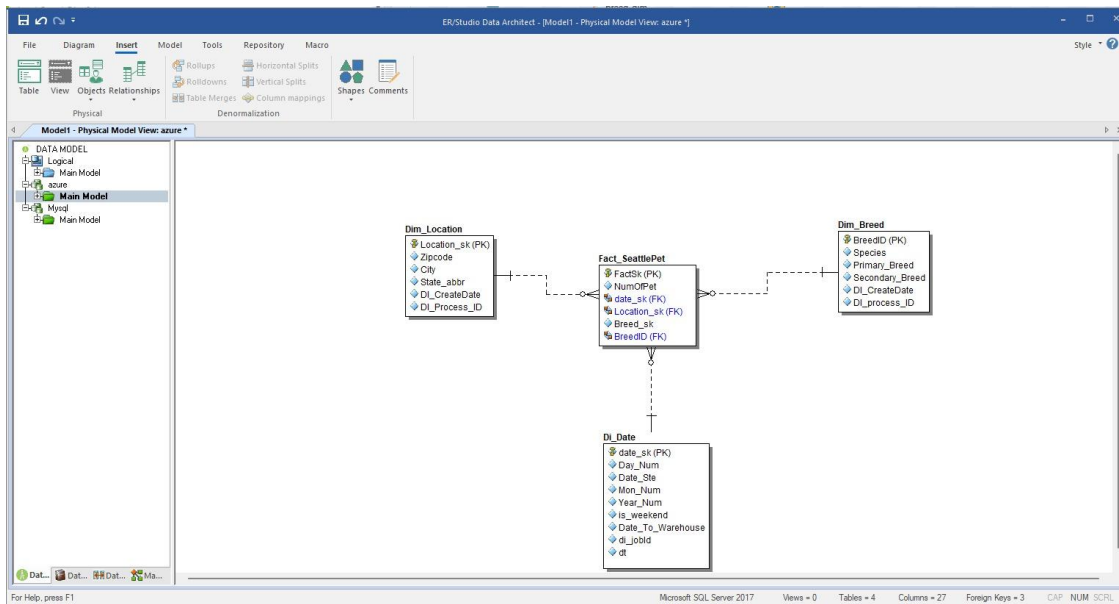
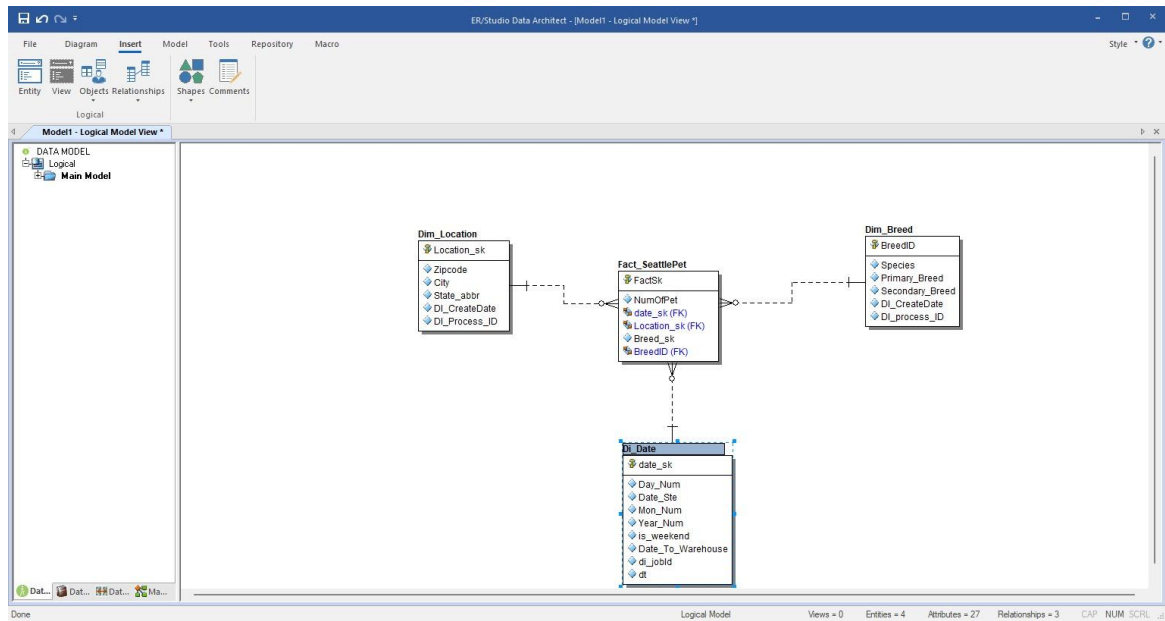


# ER STUDIO

Rhea Bajpai - 002702927





# MySQL OUTPUT SCREENSHOT

MySQL Workbench

Navigator

SCHMAS

Filter objects

food\_inspection

new\_schema\_talend

Tables

breed\_dim

date\_dim

Columns

Indexes

Foreign Keys

Triggers

fact\_seattlepet

location\_dim

talend\_table

Views

Stored Procedures

Functions

Administration

Schemas

Information

Table: date\_dim

Columns:

date\_sk

Day\_Num

Date\_Str

Month\_Num

Month\_Str

Year\_Num

is\_weekend

Date\_To\_Warehouse

dt

int PK

int

varchi

int

varchi

varchi

date(t)

date(t)

Query 1

Limit to 1000 rows

1 Select \* from LOCATION\_DIM;

2 Select \* from DATE\_DIM;

3 Select \* from BREED\_DIM;

4 Select \* from talend\_table;

5 select \* from Fact\_SeattlePet

Result Grid

BreedID	Species	Primary_Breed	Secondary_Breed	DI_CreatedDate	DI_ProcessID
1	Dog	Bichon Frise	Ussie Apso	2023-10-21 18:43:49	4cvg7w
3	Cat	California Spangled	Mix	2023-10-21 18:43:49	4cvg7w
5	Dog	Poodle, Toy	Spaniel, English Cocker	2023-10-21 18:43:49	4cvg7w
7	Dog	Welsh Corp, Cardigan	Bulldog, English	2023-10-21 18:43:49	4cvg7w
9	Dog	Shih Tzu	Mixed Breed, Small (Under 24 lbs fully grown)	2023-10-21 18:43:49	4cvg7w
11	Dog	Spaniel, American Cocker	Border Collie	2023-10-21 18:43:49	4cvg7w
13	Dog	Brittany	Retriever, Labrador	2023-10-21 18:43:50	4cvg7w
15	Dog	Mixed Breed, Large (over 44 lbs fully grown)	Terrier, Pit Bull	2023-10-21 18:43:50	4cvg7w
17	Dog	Spaniel	Mix	2023-10-21 18:43:50	4cvg7w
19	Cat	American Shorthair	Munchkin	2023-10-21 18:43:50	4cvg7w
21	Dog	Terrier, American Staffordshire	Retriever	2023-10-21 18:43:50	4cvg7w
23	Dog	Chihuahua, Short Coat	Terrier, Fox, Toy	2023-10-21 18:43:50	4cvg7w
25	Dog	Terrier	Dachshund, Standard Smooth Haired	2023-10-21 18:43:50	4cvg7w
27	Dog	Dachshund, Standard Long Haired	Pomeranian	2023-10-21 18:43:50	4cvg7w

Output

Action Output

#	Time	Action	Message	Duration / Fetch
16	21:46:29	Select * from talend_table LIMIT 0, 1000	1000 row(s) returned	0.047 sec / 0.015 sec
17	22:08:59	select * from Fact_SeattlePet LIMIT 0, 1000	234 row(s) returned	0.094 sec / 0.015 sec
18	22:11:19	Select * from DATE_DIM LIMIT 0, 1000	1000 row(s) returned	0.047 sec / 0.000 sec
19	22:19:21	select * from Fact_SeattlePet LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
20	22:19:35	select * from Fact_SeattlePet LIMIT 0, 1000	234 row(s) returned	0.000 sec / 0.000 sec
21	22:23:30	Select * from BREED_DIM LIMIT 0, 1000	1000 row(s) returned	0.141 sec / 0.000 sec

Query Completed

10°C Clear

Search

ENG US

22:26

23/10/2023

MySQL Workbench

Navigator

SCHMAS

Filter objects

food\_inspection

new\_schema\_talend

Tables

breed\_dim

date\_dim

Columns

Indexes

Foreign Keys

Triggers

fact\_seattlepet

location\_dim

talend\_table

Views

Stored Procedures

Functions

Administration

Schemas

Information

Table: date\_dim

Columns:

date\_sk

Day\_Num

Date\_Str

Month\_Num

Month\_Str

Year\_Num

is\_weekend

Date\_To\_Warehouse

dt

int PK

int

varchi

int

varchi

varchi

date(t)

date(t)

Query 1

Limit to 1000 rows

1 Select \* from LOCATION\_DIM;

2 Select \* from DATE\_DIM;

3 Select \* from BREED\_DIM;

4 Select \* from talend\_table;

5 select \* from Fact\_SeattlePet

Result Grid

Location_sk	zipcode	city	state_abbr	DI_CreatedDate	DI_ProcessID
10	33010	New site	AL	2023-10-23 15:07:06	blmefnc
100	33089	Kellyton	AL	2023-10-23 15:07:10	blmefnc
1000	36509	Bayou la batre	AL	2023-10-23 15:08:03	blmefnc
10000	33143	South miami	FL	2023-10-23 15:15:47	blmefnc
10002	33144	Miami	FL	2023-10-23 15:15:47	blmefnc
10004	33145	Coral gables	FL	2023-10-23 15:15:47	blmefnc
10006	33146	Coral gables	FL	2023-10-23 15:15:47	blmefnc
10008	33147	Miami	FL	2023-10-23 15:15:47	blmefnc
10010	33149	Key boscayne	FL	2023-10-23 15:15:47	blmefnc
10012	33150	Miami	FL	2023-10-23 15:15:48	blmefnc
10014	33154	Bal harbour	FL	2023-10-23 15:15:48	blmefnc
10016	33155	Miami	FL	2023-10-23 15:15:48	blmefnc
10018	33156	Kendall	FL	2023-10-23 15:15:48	blmefnc
1002	36511	Bon secur	AL	2023-10-23 15:08:03	blmefnc

Output

Action Output

#	Time	Action	Message	Duration / Fetch
18	22:11:19	Select * from DATE_DIM LIMIT 0, 1000	1000 row(s) returned	0.047 sec / 0.000 sec
19	22:19:21	select * from Fact_SeattlePet LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
20	22:19:35	select * from Fact_SeattlePet LIMIT 0, 1000	234 row(s) returned	0.000 sec / 0.000 sec
21	22:23:30	Select * from BREED_DIM LIMIT 0, 1000	1000 row(s) returned	0.141 sec / 0.000 sec
22	22:27:46	Select * from DATE_DIM LIMIT 0, 1000	0 row(s) returned	0.313 sec / 0.000 sec
23	22:28:00	Select * from LOCATION_DIM LIMIT 0, 1000	1000 row(s) returned	0.516 sec / 0.000 sec

Query Completed

10°C Clear

Search

ENG US

22:28

23/10/2023

MySQL Workbench

MySQL@localhost:3306

File Edit View Query Database Server Tools Scripting Help

Navigator

Query 1

1 Select \* from LOCATION\_DIM;  
2 Select \* from DATE\_DIM;  
3 Select \* from BREED\_DIM;  
4 Select \* from talend\_table;  
5 select \* from Fact\_SeattlePet

Result Grid

date_sk	Day_Num	Date_Str	Month_Num	Month_Str	Year_Num	is_weekend	Date_To_Warehouse	d_jobld	dt
20000102	2	Sunday	0	January	2000	Y	2000-01-02 00:00:00	p00Tnn	2000-01-02 00:00:00
20000103	3	Monday	0	January	2000	N	2000-01-03 00:00:00	p00Tnn	2000-01-03 00:00:00
20000104	4	Tuesday	0	January	2000	N	2000-01-04 00:00:00	p00Tnn	2000-01-04 00:00:00
20000105	5	Wednesday	0	January	2000	N	2000-01-05 00:00:00	p00Tnn	2000-01-05 00:00:00
20000106	6	Thursday	0	January	2000	N	2000-01-06 00:00:00	p00Tnn	2000-01-06 00:00:00
20000107	7	Friday	0	January	2000	N	2000-01-07 00:00:00	p00Tnn	2000-01-07 00:00:00
20000108	8	Saturday	0	January	2000	Y	2000-01-08 00:00:00	p00Tnn	2000-01-08 00:00:00
20000109	9	Sunday	0	January	2000	Y	2000-01-09 00:00:00	p00Tnn	2000-01-09 00:00:00
20000110	10	Monday	0	January	2000	N	2000-01-10 00:00:00	p00Tnn	2000-01-10 00:00:00
20000111	11	Tuesday	0	January	2000	N	2000-01-11 00:00:00	p00Tnn	2000-01-11 00:00:00
20000112	12	Wednesday	0	January	2000	N	2000-01-12 00:00:00	p00Tnn	2000-01-12 00:00:00
20000113	13	Thursday	0	January	2000	N	2000-01-13 00:00:00	p00Tnn	2000-01-13 00:00:00
20000114	14	Friday	0	January	2000	N	2000-01-14 00:00:00	p00Tnn	2000-01-14 00:00:00
20000115	15	Saturday	0	January	2000	Y	2000-01-15 00:00:00	p00Tnn	2000-01-15 00:00:00

Table: date\_dim

Columns:

- date\_sk int PK
- Day\_Num int
- Date\_Str varchar
- Month\_Num int
- Month\_Str varchar
- Year\_Num int
- is\_weekend int
- Date\_To\_Warehouse varchar
- d\_jobld varchar
- dt varchar

Output

Action Output

#	Time	Action	Message	Duration / Fetch
19	22:19:21	select * from Fact_SeattlePet LIMIT 0, 1000	0 row(s) returned	0.000 sec / 0.000 sec
20	22:19:35	select * from Fact_SeattlePet LIMIT 0, 1000	234 row(s) returned	0.000 sec / 0.000 sec
21	22:23:30	select * from BREED_DIM LIMIT 0, 1000	1000 row(s) returned	0.141 sec / 0.000 sec
22	22:27:46	select * from DATE_DIM LIMIT 0, 1000	0 row(s) returned	0.313 sec / 0.000 sec
23	22:28:00	select * from LOCATION_DIM LIMIT 0, 1000	1000 row(s) returned	0.516 sec / 0.000 sec
24	22:58:52	select * from DATE_DIM LIMIT 0, 1000	1000 row(s) returned	0.265 sec / 0.031 sec

Query Completed

9°C Clear

Search

ENG US

22:59

23/10/2023

## TALEND

Talend Cloud Data Fabric (R2023-04) | Seattle.pet (Connections: Rhea)

File Edit View Search Window Help

Feature Manager Support

Repository

LOCAL Seattle.pet

- Job Designs
  - Standard
    - Load\_Breed\_Dim 0.1
    - Load\_Date\_Dim 0.1
    - Load\_Fact 0.1
    - Load\_Location\_Dim 0.1
    - SeattlePet\_job 0.1
  - Contexts
  - Code
  - SQL Templates
  - Metadata
  - DB Connections
    - mysql\_1 0.1
    - mysql\_1 0.1
      - Synonym schemas
      - Table schemas
        - breed\_dim
        - date\_dim
        - fact\_seattlepet
        - location\_dim
        - talend\_table
      - Views schemas

Outline

Code Viewer

```

/**
 * tMap_2 main | start
 */

currentComponent="tMap_2";

if(enableLogstash) {
  if(runStat.updateLog(iterateId,1,1)
    ,"row6","tAggregateRow_1_AGG2M","tAggregate")
  {
    talendJobLogProcess(globalMap);
  }
}

```

Job SeattlePet\_job 0.1

Basic Run

Execution

Run Kill Clear

Debug Run

Advanced settings

Target Exec

Memory Run

Job SeattlePet\_job 0.1

Contexts(SeattlePet\_job)

Component

Run (Job SeattlePet\_job)

Cloud Artifact

Default

Name	Value
SeattlePet_File	C:/Users/rheab...
SeattlePet_File...	"n"
SeattlePet_Enc...	UTF-8
SeattlePet_Hea...	1
mysql_1_Port	3306
mysql_1_Login	root
mysql_1_Data...	new_schema.t...
mysql_1_Pass...	****
mysql_1_Auth...	noDatetimeSt...
mysql_1_Server	localhost
azure_t1_Sche...	bagpair
azure_t1_Server	serverdmg73...
azure_t1_Port	1433
azure_t1_Login	bagpair
azure_t1_Addit...	****
azure_t1_Pass...	****
azure_t1_Data...	dmg7370

Find component...

Job Hierarchy

Find component...

Favorites

- Recently Used
- ICBInput
- ICBOutput
- tLogflow
- tRowGenerator
- tFileInputDelimited
- tMap
- tAggregateflow
- tRunJob

Big Data

- Google BigQuery
- Google Storage
- Hive

Business Intelligence

- Charts
- DB SCD
- Jaeger

Business

- Custom Code
- Data Quality
- Databases
- DotNET
- ELT
- File
- Internet
- Logs & Errors

Misc

- Note
- tAddLocationFromIP
- tBufferInput
- tBufferOutput
- tContextDump
- tContextLoad
- tFixedFlowInput
- tMemoryRowRows
- tMsgBox
- tRowGenerator
- tServerAlive

Orchestration

- Processing

9°C Clear

Search

23:38

23/10/2023

Talend Cloud Data Fabric (R2023-04) | Seattle\_pet (Connections: Rhea)

File Edit View Search Window Help

Feature Manager Support

Repository LOCAL: Seattle\_pet

- Job Designs
  - Standard
    - Load\_Breed\_Dim 0.1
      - Load\_Date\_Dim 0.1
      - Load\_Fact 0.1
      - Load\_Location\_Dim 0.1
      - SeattlePet\_job 0.1

Contexts

Code

SQL Templates

Metadata

DB Connections

- azure\_1 0.1
- mysql\_1 0.1
  - Queries
  - Synonym schemas
    - Table schemas
      - breed\_dim
      - date\_dim
      - fact\_seattlepet
      - location\_dim
      - talend\_table
    - View schemas

File delimited

File positional

File regex

Outline Code Viewer

```
/**
 * [tMap_2 main ] start
 */

currentComponent="tMap_2";

if(enableLogstash) {
    if(runStat.updateLog(iterateId,1,1)
        ,"row6","tAggregateRow_1_AGG1N","tAggregate")
    {
        talendJobLogProcess(globalMap);
    }
}
```

Designer/Code

Job Load\_Breed\_Dim

Execution

Run Kill Clear

Basic Run

Debug Run

Advanced settings

Target Exec

Memory Run

Default

Name	Value
azure_1_Data...	dang7370
azure_1_Passw...	****
azure_1_Addit...	bajpair
azure_1_Login	serverdang73...
azure_1_Port	1433
azure_1_Sche...	bajpair
mysql_1_Port	3306
mysql_1_Login	root
mysql_1_Data...	new_schema_1...
mysql_1_Pass...	****
mysql_1_Addit...	noDateTimeStr...
mysql_1_Server	localhost

Line limit 100 Wrap

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Talend Cloud Data Fabric (R2023-04) | Seattle\_pet (Connections: Rhea)

File Edit View Search Window Help

Feature Manager Support

Repository LOCAL: Seattle\_pet

- Job Designs
  - Standard
    - Load\_Breed\_Dim 0.1
    - Load\_Date\_Dim 0.1
    - Load\_Fact 0.1
    - Load\_Location\_Dim 0.1
    - SeattlePet\_job 0.1

Contexts

Code

SQL Templates

Metadata

DB Connections

- azure\_1 0.1
- mysql\_1 0.1
  - Queries
  - Synonym schemas
    - Table schemas
      - breed\_dim
      - date\_dim
      - fact\_seattlepet
      - location\_dim
      - talend\_table
    - View schemas

File delimited

File positional

File regex

Outline Code Viewer

```
/**
 * [tMap_2 main ] start
 */

currentComponent="tMap_2";

if(enableLogstash) {
    if(runStat.updateLog(iterateId,1,1)
        ,"row6","tAggregateRow_1_AGG1N","tAggregate")
    {
        talendJobLogProcess(globalMap);
    }
}
```

Designer/Code

Job Load\_Location\_Dim

Execution

Run Kill Clear

Basic Run

Debug Run

Advanced settings

Target Exec

Memory Run

Default

Name	Value
GeoCodes_File	C:/Users/rheab...
GeoCodes_Fiel...	..
GeoCodes_Ro...	..
GeoCodes_Sm...	UTF-8
GeoCodes_Hea...	1
azure_1_Sche...	bajpair
azure_1_Login	serverdang73...
azure_1_Port	1433
azure_1_Sche...	bajpair
mysql_1_Port	3306
mysql_1_Login	root
mysql_1_Data...	new_schema_1...
mysql_1_Pass...	****
mysql_1_Addit...	noDateTimeStr...
mysql_1_Server	localhost

Line limit 100 Wrap

2341 23/10/2023



Talend Cloud Data Fabric (R2023-04) | Seattle\_pst (Connections: Rhea)

File Edit View Search Window Help

Feature Manager Support

Repository LOCAL: Seattle\_pst

- Job Designs
  - Standard
    - Load\_Breed\_Dim 0.1
    - Load\_Date\_Dim 0.1
    - Load\_Fact 0.1
    - Load\_Location\_Dim 0.1
    - SeattleJob 0.1
  - Joblet Designs
  - Contexts
  - SQL Templates
  - Metadata
    - Di Connections
      - azure\_t 0.1
      - mysql\_t 0.1
        - Queries
        - Synonym schemas
        - Table schemas
          - breed\_dim
          - date\_dim
          - fact\_seattlepst
          - location\_dim
          - talend\_table
        - View schemas
- File delimited
- File positional
- File regex
- File schema

Outline Code Viewer

```
/**
 * [tMap_1 main] start
 */

currentComponent="tMap_1";

if(enableLogstash) {
    if(runStat.updateLog(iterateId,1)) {
        "row!",*tDBInput_2*,"\\talend_table*",
    } {
        talendJobLogProcess(globalMap);
    }
}
```

Designer Code

Job Load\_Date\_Dim

Execution

Run KILL Clear

Debug Run

Advanced settings

Target Exec

Memory Run

Starting job Load\_Date\_Dim at 22:27 23-10-2023.  
[statistics] connecting to socket on port 3369  
[statistics] connected  
[statistics] disconnected  
Job Load\_Date\_Dim ended at 22:37 23-10-2023. (Exit code = 0)

Default

Name	Value
mysql_t1_Server	localhost
mysql_t1_Login	root
mysql_t1_Port	3306
mysql_t1_Data...	new_schema.t...
mysql_t1_Pass...	****
mysql_t1_Addit...	noDateimestr...
azure_t1_Sche...	bjapair
azure_t1_Server	serverdang73...
azure_t1_Port	1433
azure_t1_Login	bjapair
azure_t1_Addit...	****
azure_t1_Passw...	****
azure_t1_Data...	dang7370

Line limit 100 Wrap

Find component...

Job Hierarchy

Favorites

Recently Used

Cloud

- IOBInput
- IOBOutput
- LogFlow
- FlowGenerator
- FileInputDelimited
- tMap
- tAggregateFlow
- tRunJob

Big Data

- Google BigQuery
- Google Storage
- Hive

Business Intelligence

- Charts
- DB SCD

Business

- Cloud
- Custom Code
- Data Quality
- Databases
- DotNET
- ELT
- File
- Internet
- Logs & Errors
- Misc
  - Note
  - tAddLocationFromP
  - tBufferInput
  - tBufferOutput
  - tContextDump
  - tContextLoad
  - tFlowInput
  - tFlowOutput
  - tMemorizeFlow
  - tMagBox
  - tFlowGenerator
  - tServerAlive
- Orchestration
- Processing

Talend Cloud Data Fabric (R2023-04) | Seattle\_pst (Connections: Rhea)

File Edit View Search Window Help

Feature Manager Support

Repository LOCAL: Seattle\_pst

- Job Designs
  - Standard
    - Load\_Breed\_Dim 0.1
    - Load\_Date\_Dim 0.1
    - Load\_Fact 0.1
    - Load\_Location\_Dim 0.1
    - SeattleJob 0.1
  - Joblet Designs
  - Contexts
  - SQL Templates
  - Metadata
    - Di Connections
      - azure\_t 0.1
      - mysql\_t 0.1
        - Queries
        - Synonym schemas
        - Table schemas
          - breed\_dim
          - date\_dim
          - fact\_seattlepst
          - location\_dim
          - talend\_table
        - View schemas
  - File delimited
  - File positional
  - File regex
  - File schema

Outline Code Viewer

```
/**
 * [tMap_1 main] start
 */

currentComponent="tMap_1";

if(enableLogstash) {
    if(runStat.updateLog(iterateId,1)) {
        "row!",*tDBInput_2*,"\\talend_table*",
    } {
        talendJobLogProcess(globalMap);
    }
}
```

Designer Code

Job Load\_Fact

Execution

Run KILL Clear

Debug Run

Advanced settings

Target Exec

Memory Run

Starting job Load\_Fact at 23:07 23-10-2023.  
[statistics] connecting to socket on port 3369  
[statistics] connected  
[statistics] disconnected  
Job Load\_Fact ended at 23:07 23-10-2023. (Exit code = 0)

Default

Name	Value
azure_t1_Data...	dang7370
azure_t1_Passw...	****
azure_t1_Addit...	****
azure_t1_Login	bjapair
azure_t1_Server	serverdang73...
azure_t1_Port	1433
azure_t1_Sche...	bjapair
mysql_t1_Port	3306
mysql_t1_Login	root
mysql_t1_Data...	new_schema.t...
mysql_t1_Pass...	****
mysql_t1_Addit...	noDateimestr...
mysql_t1_Server	localhost

Line limit 100 Wrap

Find component...

Job Hierarchy

Favorites

Recently Used

Cloud

  - IOBInput
  - IOBOutput
  - LogFlow
  - FlowGenerator
  - FileInputDelimited
  - tMap
  - tAggregateFlow
  - tRunJob

Big Data

  - Google BigQuery
  - Google Storage
  - Hive

Business Intelligence

  - Charts
  - DB SCD

Business

  - Cloud
  - Custom Code
  - Data Quality
  - Databases
  - DotNET
  - ELT
  - File
  - Internet
  - Logs & Errors
  - Misc
    - Note
    - tAddLocationFromP
    - tBufferInput
    - tBufferOutput
    - tContextDump
    - tContextLoad
    - tFlowInput
    - tFlowOutput
    - tMemorizeFlow
    - tMagBox
    - tFlowGenerator
    - tServerAlive
  - Orchestration
  - Processing

# AZURE

The screenshot shows the Azure Data Studio interface. The top menu bar includes File, Edit, View, and Help. The main window displays a SQL query in the editor, titled "SQLQuery\_1 - server\_ajpair". The query is as follows:

```
1 SELECT * from talent_table;
2 select * from breed_dia;
3 select * from location_dia;
4 select * from date_dia;
5
6 drop table talent_table;
```

The query is executed against the "damg7370" database. The results are displayed in a table with the following columns: Location\_sk, zipcode, city, state\_abbr, DT\_CreatedDate, and DT\_ProcessID. The results show 16 rows of data, including locations like Acman, Adamsville, Adger, Keystone, New site, Alpine, Arab, Balleyton, Bessemer, Zcta, Hueytown, Blountville, Bremen, Brent, Brierfield, and Brookside.

Location_sk	zipcode	city	state_abbr	DT_CreatedDate	DT_ProcessID
1	35004	Acman	AL	2023-10-23 15:07:05.197	b7e6inc
2	35005	Adamsville	AL	2023-10-23 15:07:05.407	b7e6inc
3	35006	Adger	AL	2023-10-23 15:07:05.530	b7e6inc
4	35007	Keystone	AL	2023-10-23 15:07:05.630	b7e6inc
5	35010	New site	AL	2023-10-23 15:07:05.730	b7e6inc
6	35014	Alpine	AL	2023-10-23 15:07:05.837	b7e6inc
7	35016	Arab	AL	2023-10-23 15:07:05.943	b7e6inc
8	35019	Balleyton	AL	2023-10-23 15:07:06.047	b7e6inc
9	35020	Bessemer	AL	2023-10-23 15:07:06.157	b7e6inc
10	35022	Zcta	AL	2023-10-23 15:07:06.257	b7e6inc
11	35023	Hueytown	AL	2023-10-23 15:07:06.357	b7e6inc
12	35031	Blountville	AL	2023-10-23 15:07:06.460	b7e6inc
13	35033	Bremen	AL	2023-10-23 15:07:06.560	b7e6inc
14	35034	Brent	AL	2023-10-23 15:07:06.667	b7e6inc
15	35035	Brierfield	AL	2023-10-23 15:07:06.767	b7e6inc
16	35036	Brookside	AL	2023-10-23 15:07:06.873	b7e6inc

The bottom status bar shows the current file is "SQLQuery\_1 - server\_ajpair" and the database is "damg7370". The bottom taskbar shows the system clock as 23:27 on 23/10/2023.

The screenshot shows the Azure Data Studio interface. The top menu bar includes File, Edit, View, and Help. The main window displays a SQL query in the editor, titled "SQLQuery\_1 - server\_ajpair". The query is as follows:

```
1 SELECT * from talent_table;
2 select * from breed_dia;
3 select * from location_dia;
4 select * from date_dia;
5
6 drop table talent_table;
```

The query is executed against the "damg7370" database. The results are displayed in a table with the following columns: BreedID, Species, Primary\_Breed, Secondary\_Breed, DT\_CreatedDate, and DT\_ProcessID. The results show 16 rows of data, including breeds like Bichon Frise, California Spangled, Poodle, Toy, Welsh Corgi, Cardigan, Shih Tzu, Spaniel, American Cocker, Brittany, Mixed Breed, Large (over 44 lbs fully grown), Terrier, Pit Bull, Spaniel, American Shorthair, Terrier, American Staffordshire, Chihuahua, Short Coat, Terrier, Dachshund, Standard Smooth Haired, Pomeranian, Dachshund, Miniature Smooth Haired, and Retriever, Flat-Coated.

BreedID	Species	Primary_Breed	Secondary_Breed	DT_CreatedDate	DT_ProcessID
1	Dog	Bichon Frise	Lhasa Apso	2023-10-21 18:43:49.107	4cvq7u
2	Cat	California Spangled	MLX	2023-10-21 18:43:49.207	4cvq7u
3	Dog	Poodle, Toy	Spaniel, English Cocker	2023-10-21 18:43:49.273	4cvq7u
4	Dog	Welsh Corgi, Cardigan	Bulldog, English	2023-10-21 18:43:49.333	4cvq7u
5	Dog	Shih Tzu	Mixed Breed, Small (under 24 lbs fully grown)	2023-10-21 18:43:49.393	4cvq7u
6	Dog	Spaniel, American Cocker	Border Collie	2023-10-21 18:43:49.447	4cvq7u
7	Dog	Brittany	Retriever, Labrador	2023-10-21 18:43:49.503	4cvq7u
8	Dog	Mixed Breed, Large (over 44 lbs fully grown)	Terrier, Pit Bull	2023-10-21 18:43:49.563	4cvq7u
9	Dog	Spaniel	MLX	2023-10-21 18:43:49.620	4cvq7u
10	Cat	American Shorthair	Munchkin	2023-10-21 18:43:49.670	4cvq7u
11	Dog	Terrier, American Staffordshire	Retriever	2023-10-21 18:43:49.733	4cvq7u
12	Dog	Chihuahua, Short Coat	Terrier, Fox, Toy	2023-10-21 18:43:49.790	4cvq7u
13	Dog	Terrier	Dachshund, Standard Smooth Haired	2023-10-21 18:43:49.853	4cvq7u
14	Dog	Dachshund, Standard Long Haired	Pomeranian	2023-10-21 18:43:49.913	4cvq7u
15	Dog	Dachshund, Miniature Smooth Haired	Dachshund, Standard Smooth Haired	2023-10-21 18:43:49.967	4cvq7u
16	Dog	Spaniel, English Cocker	Retriever, Flat-Coated	2023-10-21 18:43:50.023	4cvq7u

The bottom status bar shows the current file is "SQLQuery\_1 - server\_ajpair" and the database is "damg7370". The bottom taskbar shows the system clock as 23:27 on 23/10/2023.

File Edit View Help

SQLQuery\_1 - serverdam7370.database.windows.net.damg7370 (bajpar) - Azure Data Studio

CONNECTIONS

SERVICES

boyou.ccn.neu.edu, <default> (INFO7275)

LAPTOP-HFOL33LV, <default> (integrated)

serverdam7370.database.windows.net, damg7370

Database: damg7370

Run Cancel Disconnect Change Database: damg7370 Estimated Plan Enable Actual Plan Parse Enable SQLCMD To Notebook

```
1 SELECT * from talend_table;
2
3 select * from breed_dim;
4 select * from location_dim;
5 select * from date_dim;
6 drop table talend_table;
```

Results Messages

	date_sk	Day_Num	Date_Str	Month_Num	Month_Str	Year_Num	is_weekend	Date_To_warehouse	di_jobId	dt
1	20000102	2	Sunday	0	January	2000	Y	2000-01-02 00:00:00.000	p06Tnn	2000-01-02 00:00:00.000
2	20000103	3	Monday	0	January	2000	N	2000-01-03 00:00:00.000	p06Tnn	2000-01-03 00:00:00.000
3	20000104	4	Tuesday	0	January	2000	N	2000-01-04 00:00:00.000	p06Tnn	2000-01-04 00:00:00.000
4	20000105	5	Wednesday	0	January	2000	N	2000-01-05 00:00:00.000	p06Tnn	2000-01-05 00:00:00.000
5	20000106	6	Thursday	0	January	2000	N	2000-01-06 00:00:00.000	p06Tnn	2000-01-06 00:00:00.000
6	20000107	7	Friday	0	January	2000	N	2000-01-07 00:00:00.000	p06Tnn	2000-01-07 00:00:00.000
7	20000108	8	Saturday	0	January	2000	Y	2000-01-08 00:00:00.000	p06Tnn	2000-01-08 00:00:00.000
8	20000109	9	Sunday	0	January	2000	Y	2000-01-09 00:00:00.000	p06Tnn	2000-01-09 00:00:00.000
9	20000110	10	Monday	0	January	2000	N	2000-01-10 00:00:00.000	p06Tnn	2000-01-10 00:00:00.000
10	20000111	11	Tuesday	0	January	2000	N	2000-01-11 00:00:00.000	p06Tnn	2000-01-11 00:00:00.000
11	20000112	12	Wednesday	0	January	2000	N	2000-01-12 00:00:00.000	p06Tnn	2000-01-12 00:00:00.000
12	20000113	13	Thursday	0	January	2000	N	2000-01-13 00:00:00.000	p06Tnn	2000-01-13 00:00:00.000
13	20000114	14	Friday	0	January	2000	N	2000-01-14 00:00:00.000	p06Tnn	2000-01-14 00:00:00.000
14	20000115	15	Saturday	0	January	2000	Y	2000-01-15 00:00:00.000	p06Tnn	2000-01-15 00:00:00.000
15	20000116	16	Sunday	0	January	2000	Y	2000-01-16 00:00:00.000	p06Tnn	2000-01-16 00:00:00.000
16	20000117	17	Monday	0	January	2000	N	2000-01-17 00:00:00.000	p06Tnn	2000-01-17 00:00:00.000

PROBLEMS OUTPUT TERMINAL TASKS

Ln 4, Col 1 (23 selected) Space: 4 UTF-8 CRLF 10,000 rows MSSQL 00:00:00 serverdam7370.database.windows.net : damg7370

8°C Clear

23:28 23/10/2023