

NYC FOOD INSPECTION PART 3

Runtime For Dimensions:

The screenshot displays the Alteryx Designer x64 interface. A workflow titled 'dim_nyc.yxmd' is shown in the background. A modal dialog box is open, reporting the completion of the workflow. The message states: 'Finished running dim_nyc.yxmd in 1:03 minutes with 11 field conversion errors'. Below this, there is a link to 'Learn about AMP Engine' and a checkbox for 'Don't show this message again'. The 'Results - Workflow - Messages' pane at the bottom shows a summary of the run: 0 Errors, 11 Conv Errors, 0 Warnings, 18 Info, and 9 Files. The messages list three 'Output Data' steps, each writing 209572 records to a MySQL database, and the 'Designer x64' step confirming the run time and errors. The system tray at the bottom indicates a temperature of 51°F and 'Mostly cloudy' weather.

Alteryx Designer x64 - dim_nyc.yxmd

File Edit View Options Help

Search for tools, help, and resources...

Workflow - Configuration Canvas Workflow Runtime Events Meta Info

Canvas Options

Layout Direction: Horizontal

Annotations: Show

Connection Progress: Show Only When Running

Alteryx Designer x64

Finished running dim_nyc.yxmd in 1:03 minutes with 11 field conversion errors

[Learn about AMP Engine](#)

☐ Don't show this message again

OK

Results - Workflow - Messages

All 0 Errors 11 Conv Errors 0 Warnings 18 Info 9 Files

Output Data (11) 209572 records were written to jdbc:DSN=mysql_DADABI (dim_nyc_cuisine)

Output Data (18) 209572 records were written to jdbc:DSN=mysql_DADABI (dim_nyc_violation_codes)

Output Data (48) 209572 records were written to jdbc:DSN=mysql_DADABI (dim_nyc_address)

Designer x64 Finished running dim_nyc.yxmd in 1:03 minutes with 11 field conversion errors

51°F Mostly cloudy

The screenshot displays the Alteryx Designer x64 interface. A workflow titled 'dim_nyc.yxmd' is shown in the background. A modal dialog box is open, reporting the completion of the workflow. The message states: 'Finished running dim_nyc.yxmd in 1:51 minutes with 44 field conversion errors'. Below this, there is a link to 'Learn about AMP Engine' and a checkbox for 'Don't show this message again'. The 'Results - Workflow - Messages' pane at the bottom shows a summary of the run: 0 Errors, 44 Conv Errors, 0 Warnings, 48 Info, and 12 Files. The messages list three 'Output Data' steps, each writing 209572 records to a MySQL database, and the 'Designer x64' step confirming the run time and errors. The system tray at the bottom indicates a temperature of 47°F and 'Rain coming' weather.

Alteryx Designer x64 - dim_nyc.yxmd

File Edit View Options Help

Search for tools, help, and resources...

Workflow - Configuration Canvas Workflow Runtime Events Meta Info

Canvas Options

Layout Direction: Horizontal

Annotations: Show

Connection Progress: Show

Alteryx Designer x64

Finished running dim_nyc.yxmd in 1:51 minutes with 44 field conversion errors

[Learn about AMP Engine](#)

☐ Don't show this message again

OK

Results - Workflow - Messages

All 0 Errors 44 Conv Errors 0 Warnings 48 Info 12 Files

Output Data (11) 209572 records were written to jdbc:DSN=mysql_DADABI (dim_nyc_cuisine)

Output Data (18) 209572 records were written to jdbc:DSN=mysql_DADABI (dim_nyc_violation_codes)

Output Data (48) 209572 records were written to jdbc:DSN=mysql_DADABI (dim_nyc_address)

Designer x64 Finished running dim_nyc.yxmd in 1:51 minutes with 44 field conversion errors

47°F Rain coming

Table Row Count For dim_nyc_borough:

The screenshot shows the MySQL Workbench interface. The query editor contains the following SQL statement:

```
SELECT MAX(BoroSK) FROM nyc_food_inspection.dim_nyc_borough;
```

The Results window displays the output of the query:

MAX(BoroSK)
209572

The Information window shows the table structure for **dim_nyc_address**:

Column	AddressSK	BBL	BBL	BORO	BUILDING	Census Tract	Community Board	Council District
int	bigint	int	int	varchar(1)	varchar(1)	char(6)	smallint	char(2)

The Action Output window shows the execution progress:

#	Time	Action	Message	Duration / Fetch
3	18:59:44	SELECT * FROM nyc_food_inspection.dim_nyc_borough LIMIT 0, 1000	1000 row(s) returned	0.000 sec / 0.016 sec
4	22:38:44	SELECT * FROM nyc_food_inspection.dim_nyc_borough LIMIT 0, 1000	1000 row(s) returned	0.000 sec / 0.016 sec
5	22:43:39	EXPLAIN SELECT MAX FROM nyc_food_inspection.dim_nyc_borough	Error Code: 1054 Unknown column 'MAX' in field list	
6	22:45:00	SELECT MAX(BoroSK) FROM nyc_food_inspection.dim_nyc_borough LIMIT 0, 1000	1 row(s) returned	0.328 sec / 0.000 sec

Table Row Count For dim_nyc_address:

The screenshot shows the MySQL Workbench interface. The query editor contains the following SQL statement:

```
SELECT MAX(AddressSK) FROM nyc_food_inspection.dim_nyc_address;
```

The Results window displays the output of the query:

MAX(AddressSK)
209572

The Information window shows the table structure for **dim_nyc_address**:

Column	AddressSK	BBL	BBL	BORO	BUILDING	Census Tract	Community Board	Council District
int	bigint	int	int	varchar(1)	varchar(1)	char(6)	smallint	char(2)

The Action Output window shows the execution progress:

#	Time	Action	Message	Duration / Fetch
7	22:46:51	SELECT MAX(BoroSK) FROM nyc_food_inspection.dim_nyc_address LIMIT 0, 1000	Error Code: 1054 Unknown column 'BoroSK' in field list	0.000 sec
8	22:46:55	SELECT MAX(BoroSK) FROM nyc_food_inspection.dim_nyc_address LIMIT 0, 1000	Error Code: 1054 Unknown column 'BoroSK' in field list	0.000 sec
9	22:46:56	SELECT MAX(BoroSK) FROM nyc_food_inspection.dim_nyc_address LIMIT 0, 1000	Error Code: 1054 Unknown column 'BoroSK' in field list	0.000 sec
10	22:47:14	SELECT MAX(AddressSK) FROM nyc_food_inspection.dim_nyc_address LIMIT 0, 1000	1 row(s) returned	0.328 sec / 0.000 sec

Table Row Count For dim_nyc_critical_flag:

MySQL Workbench

Local instance MySQL80

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

adventureworks2019

dmg7370_output

datapreparation

nyc_food_inspection

Tables

dim_nyc_address

dim_nyc_critical_flag

dim_nyc_borough

dim_nyc_violation_codes

dim_nyc_critical_flag

Columns

CRITICAL_FLAG_SK

CRITICAL_FLAG

DL_CreateDate

DL_WorkFlowDirectory

DL_WorkFlowFileName

Indexes

Foreign Keys

Triggers

dim_nyc_cuisine

dim_nyc_food_places

dim_nyc_inspection_actions

Administration Schemas

Information

Table: dim_nyc_critical_flag

Columns:

CRITICAL_FLAG_SK int

CRITICAL_FLAG char(14)

DL_CreateDate text

DL_WorkFlowDirectory text

DL_WorkFlowFileName text

Object Info Session

dim_nyc_address

Limit to 1000 rows

1 • SELECT MAX(CRITICAL_FLAG_SK) FROM nyc_food_inspection.dim_nyc_critical_flag;

Result Grid

MAX(CRITICAL_FLAG_SK)

209572

Result 4 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
8	22:46:55	SELECT MAX(BoroSK) FROM nyc_food_inspection.dim_nyc_address LIMIT 0, 1000	Error Code: 1054. Unknown column 'BoroSK' in field list	0.000 sec
9	22:46:56	SELECT MAX(BoroSK) FROM nyc_food_inspection.dim_nyc_address LIMIT 0, 1000	Error Code: 1054. Unknown column 'BoroSK' in field list	0.000 sec
10	22:47:14	SELECT MAX(AddressSK) FROM nyc_food_inspection.dim_nyc_address LIMIT 0, 1000	1 row(s) returned	0.328 sec / 0.000 sec
11	22:48:55	SELECT MAX(CRITICAL_FLAG_SK) FROM nyc_food_inspection.dim_nyc_critical_flag LIMIT 0, 1000	1 row(s) returned	0.296 sec / 0.000 sec

Read Only Context Help Snippets

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

Table Row Count For dim_nyc_cuisine :

MySQL Workbench

Local instance MySQL80

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

adventureworks2019

dmg7370_output

datapreparation

nyc_food_inspection

Tables

dim_nyc_address

dim_nyc_critical_flag

dim_nyc_borough

dim_nyc_violation_codes

dim_nyc_critical_flag

Columns

CRITICAL_FLAG_SK

CRITICAL_FLAG

DL_CreateDate

DL_WorkFlowDirectory

DL_WorkFlowFileName

Indexes

Foreign Keys

Triggers

dim_nyc_cuisine

dim_nyc_food_places

dim_nyc_inspection_actions

Administration Schemas

Information

Table: dim_nyc_cuisine

Columns:

CUISINE_DESCRIPTION_SK int

CUISINE_DESCRIPTION text

DL_CreateDate text

DL_WorkFlowDirectory text

DL_WorkFlowFileName text

Object Info Session

dim_nyc_address

Limit to 1000 rows

1 • SELECT MAX(CUISINE_DESCRIPTION_SK) FROM nyc_food_inspection.dim_nyc_cuisine;

Result Grid

MAX(CUISINE_DESCRIPTION_SK)

209572

Result 5 x

Output

Action Output

#	Time	Action	Message	Duration / Fetch
11	22:48:55	SELECT MAX(CRITICAL_FLAG_SK) FROM nyc_food_inspection.dim_nyc_critical_flag LIMIT 0, 1...	1 row(s) returned	0.296 sec / 0.000 sec
12	22:50:48	SELECT MAX(ViolationCodeSK) FROM nyc_food_inspection.dim_nyc_violation_codes LIMIT 0, 1...	Error Code: 1146. Table 'nyc_food_inspection.dim_nyc_violation_codes' doesn't exist	0.000 sec
13	22:51:03	SELECT MAX(ViolationCodeSK) FROM nyc_food_inspection.d_nyc_violation_codes LIMIT 0, 10...	Error Code: 1146. Table 'nyc_food_inspection.d' doesn't exist	0.000 sec
14	23:22:52	SELECT MAX(CUISINE_DESCRIPTION_SK) FROM nyc_food_inspection.dim_nyc_cuisine LIMIT...	1 row(s) returned	0.171 sec / 0.000 sec

Read Only Context Help Snippets

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

Table Row Count For dim_nyc_violation_codes:

MySQL Workbench interface showing a query execution for the table `dim_nyc_violation_codes`. The query is:

```
SELECT MAX(ViolationCodeSK) FROM nyc_food_inspection.dim_nyc_violation_codes;
```

The result grid shows one row with the value 209572.

The bottom pane shows the execution log with the following messages:

#	Time	Action	Message	Duration / Fetch
12	22:50:48	SELECT MAX(ViolationCodeSK) FROM nyc_food_inspection.dim_nyc_violation_codes LIMIT 0, 1...	Error Code: 1146. Table 'nyc_food_inspection.dim_nyc_violation_codes' doesn't exist	0.000 sec
13	22:51:03	SELECT MAX(ViolationCodeSK) FROM nyc_food_inspection.d_nyc_violation_codes LIMIT 0, 10...	Error Code: 1146. Table 'nyc_food_inspection.d' doesn't exist	0.000 sec
14	22:52:52	SELECT MAX(CUISINE_DESCRIPTION_SK) FROM nyc_food_inspection.dim_nyc_cuisine LIMIT...	1 row(s) returned	0.171 sec / 0.000 sec
15	23:23:48	SELECT MAX(ViolationCodeSK) FROM nyc_food_inspection.dim_nyc_violation_codes LIMIT 0, 1...	1 row(s) returned	0.219 sec / 0.000 sec

Table Row Count For dim_nyc_food_place:

MySQL Workbench interface showing a query execution for the table `dim_nyc_food_place`. The query is:

```
SELECT MAX(FoodPlacesSK) FROM nyc_food_inspection.dim_nyc_food_places;
```

The result grid shows one row with the value 209572.

The bottom pane shows the execution log with the following messages:

#	Time	Action	Message	Duration / Fetch
13	22:51:03	SELECT MAX(ViolationCodeSK) FROM nyc_food_inspection.d_nyc_violation_codes LIMIT 0, 10...	Error Code: 1146. Table 'nyc_food_inspection.d' doesn't exist	0.000 sec
14	22:52:52	SELECT MAX(CUISINE_DESCRIPTION_SK) FROM nyc_food_inspection.dim_nyc_cuisine LIMIT...	1 row(s) returned	0.171 sec / 0.000 sec
15	23:23:48	SELECT MAX(ViolationCodeSK) FROM nyc_food_inspection.dim_nyc_violation_codes LIMIT 0, 1...	1 row(s) returned	0.219 sec / 0.000 sec
16	23:25:15	SELECT MAX(FoodPlacesSK) FROM nyc_food_inspection.dim_nyc_food_places LIMIT 0, 1000...	1 row(s) returned	0.219 sec / 0.000 sec

Table Row Count For dim_nyc_inspection_actions;

The screenshot shows the MySQL Workbench interface. The left sidebar displays the database schema, with the **dim_nyc_inspection_actions** table selected under the **nyc_food_inspection** schema. The main query editor contains the following SQL statement:

```
SELECT MAX(ActionSK) FROM nyc_food_inspection.dim_nyc_inspection_actions;
```

The **Result Grid** shows the result of the query:

MAX(ActionSK)
209572

The **Output** pane shows the execution log with the following entries:

#	Time	Action	Message	Duration / Fetch
14	23:22:52	SELECT MAX(CUISINE_DESCRIPTION_SK) FROM nyc_food_inspection.dim_nyc_cuisine LIMIT 0, 1	1 row(s) returned	0.171 sec / 0.000 sec
15	23:23:48	SELECT MAX(ViolationCodeSK) FROM nyc_food_inspection.dim_nyc_violation_codes LIMIT 0, 1	1 row(s) returned	0.219 sec / 0.000 sec
16	23:25:15	SELECT MAX(FoodPlacesSK) FROM nyc_food_inspection.dim_nyc_food_places LIMIT 0, 1000	1 row(s) returned	0.219 sec / 0.000 sec
17	23:27:10	SELECT MAX(ActionSK) FROM nyc_food_inspection.dim_nyc_inspection_actions LIMIT 0, 1000	1 row(s) returned	0.172 sec / 0.000 sec

Table Row Count For dim_nyc_inspection_grades:

The screenshot shows the MySQL Workbench interface. The left sidebar displays the database schema, with the **dim_nyc_inspection_grades** table selected under the **nyc_food_inspection** schema. The main query editor contains the following SQL statement:

```
SELECT MAX(GradeSK) FROM nyc_food_inspection.dim_nyc_inspection_grades;
```

The **Result Grid** shows the result of the query:

MAX(GradeSK)
209572

The **Output** pane shows the execution log with the following entries:

#	Time	Action	Message	Duration / Fetch
15	23:23:48	SELECT MAX(ViolationCodeSK) FROM nyc_food_inspection.dim_nyc_violation_codes LIMIT 0, 1	1 row(s) returned	0.219 sec / 0.000 sec
16	23:25:15	SELECT MAX(FoodPlacesSK) FROM nyc_food_inspection.dim_nyc_food_places LIMIT 0, 1000	1 row(s) returned	0.219 sec / 0.000 sec
17	23:27:10	SELECT MAX(ActionSK) FROM nyc_food_inspection.dim_nyc_inspection_actions LIMIT 0, 1000	1 row(s) returned	0.172 sec / 0.000 sec
18	23:28:13	SELECT MAX(GradeSK) FROM nyc_food_inspection.dim_nyc_inspection_grades LIMIT 0, 1000	1 row(s) returned	0.188 sec / 0.000 sec

Table Row Count For dim_nyc_inspection_inspection_type:

MySQL Workbench

Local instance MySQL80

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

adventureworks2019

damg7376_output

datapreparation

nyc_food_inspection

Tables

dim_nyc_violation_codes

dim_nyc_address

dim_nyc_borough

dim_nyc_critical_flag

dim_nyc_cuisine

dim_nyc_food_places

dim_nyc_inspection_actions

dim_nyc_inspection_grades

dim_nyc_inspection_type

Columns

InspectionTypeSK

INSPECTION TYPE

DL_CreateDate

DL_WorkFlowDirectory

DL_WorkFlowFileName

Indexes

Foreign Keys

Triggers

Administration

Schemas

Information

Table: dim_nyc_inspection_type

Columns:

InspectionTypeSK

INSPECTION TYPE

DL_CreateDate

DL_WorkFlowDirectory

DL_WorkFlowFileName

Object Info

Session

dim_nyc_address

1 SELECT MAX(InspectionTypeSK) FROM nyc_food_inspection.dim_nyc_inspection_type

Result Grid

Filter Rows

Exports

Wrap Cell Content

MAX(InspectionTypeSK)

209572

Read Only

Context Help

Snippets

Output

Action Output

Time

Action

Message

Duration / Fetch

16 23:25:15 SELECT MAX(FoodPlacesSK) FROM nyc_food_inspection.dim_nyc_food_places LIMIT 0, 1000 1 row(s) returned 0.219 sec / 0.000 sec

17 23:27:10 SELECT MAX(ActionSK) FROM nyc_food_inspection.dim_nyc_inspection_actions LIMIT 0, 1000 1 row(s) returned 0.172 sec / 0.000 sec

18 23:28:13 SELECT MAX(GradeSK) FROM nyc_food_inspection.dim_nyc_inspection_grades LIMIT 0, 1000 1 row(s) returned 0.188 sec / 0.000 sec

19 23:29:07 SELECT MAX(InspectionTypeSK) FROM nyc_food_inspection.dim_nyc_inspection_type LIMIT 0, 1000 1 row(s) returned 0.203 sec / 0.000 sec

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

Table Row Count For dim_nyc_violation_codes:

MySQL Workbench

Local instance MySQL80

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

adventureworks2019

damg7376_output

datapreparation

nyc_food_inspection

Tables

dim_nyc_violation_codes

dim_nyc_address

dim_nyc_borough

dim_nyc_critical_flag

dim_nyc_cuisine

dim_nyc_food_places

dim_nyc_inspection_actions

dim_nyc_inspection_grades

dim_nyc_inspection_type

dim_nyc_violation_codes

Columns

ViolationCodeSK

VIOLATION CODE

VIOLATION DESCRIPTION

DL_CreateDate

DL_WorkFlowDirectory

DL_WorkFlowFileName

Indexes

Foreign Keys

Triggers

Administration

Schemas

Information

Table: dim_nyc_inspection_type

Columns:

InspectionTypeSK

INSPECTION TYPE

DL_CreateDate

DL_WorkFlowDirectory

DL_WorkFlowFileName

Object Info

Session

dim_nyc_address

1 SELECT MAX(ViolationCodeSK) FROM nyc_food_inspection.dim_nyc_violation_codes

Result Grid

Filter Rows

Exports

Wrap Cell Content

MAX(ViolationCodeSK)

209572

Read Only

Context Help

Snippets

Output

Action Output

Time

Action

Message

Duration / Fetch

17 23:27:10 SELECT MAX(ActionSK) FROM nyc_food_inspection.dim_nyc_inspection_actions LIMIT 0, 1000 1 row(s) returned 0.172 sec / 0.000 sec

18 23:28:13 SELECT MAX(GradeSK) FROM nyc_food_inspection.dim_nyc_inspection_grades LIMIT 0, 1000 1 row(s) returned 0.188 sec / 0.000 sec

19 23:29:07 SELECT MAX(InspectionTypeSK) FROM nyc_food_inspection.dim_nyc_inspection_type LIMIT 0, 1000 1 row(s) returned 0.203 sec / 0.000 sec

20 23:30:37 SELECT MAX(ViolationCodeSK) FROM nyc_food_inspection.dim_nyc_violation_codes LIMIT 0, 1000 1 row(s) returned 0.203 sec / 0.000 sec

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

Table Row Count For fct_nyc_food_inspections:

The screenshot shows the MySQL Workbench interface. The left sidebar displays the database schema, including tables like `dim_nyc_food_places`, `dim_nyc_inspection_actions`, `dim_nyc_inspection_grades`, `dim_nyc_inspection_type`, `dim_nyc_violation_codes`, and `fct_nyc_food_inspections`. The main query editor contains the following SQL query:

```
SELECT MAX(AddressSK) FROM nyc_food_inspection.fct_nyc_food_inspections;
```

The query results are displayed in the 'Result Grid' tab, showing a single row with the value 209572 for the `MAX(AddressSK)` column.

The 'Output' tab shows the execution log with the following entries:

#	Time	Action	Message	Duration / Fetch
18	23:28:13	SELECT MAX(GradeSK) FROM nyc_food_inspection.dim_nyc_inspection_grades LIMIT 0, 1000	1 row(s) returned	0.188 sec / 0.000 sec
19	23:29:07	SELECT MAX(InspectionTypeSK) FROM nyc_food_inspection.dim_nyc_inspection_type LIMIT 0, 1000	1 row(s) returned	0.203 sec / 0.000 sec
20	23:30:37	SELECT MAX(ViolationCodeSK) FROM nyc_food_inspection.dim_nyc_violation_codes LIMIT 0, 1000	1 row(s) returned	0.203 sec / 0.000 sec
21	23:33:13	SELECT MAX(AddressSK) FROM nyc_food_inspection.fct_nyc_food_inspections LIMIT 0, 1000	1 row(s) returned	0.172 sec / 0.000 sec

Table Row Count For fct_nycinspection_violations:

The screenshot shows the MySQL Workbench interface. The left sidebar displays the database schema, including tables like `adventureworks2019`, `damg737b_output`, `datapreparation`, and `nyc_food_inspection`. The main query editor contains the following SQL query:

```
SELECT MAX(ActionSK) FROM nyc_food_inspection.fct_nycinspection_violations;
```

The query results are displayed in the 'Result Grid' tab, showing a single row with the value 209572 for the `MAX(ActionSK)` column.

The 'Output' tab shows the execution log with the following entries:

#	Time	Action	Message	Duration / Fetch
19	23:29:07	SELECT MAX(InspectionTypeSK) FROM nyc_food_inspection.dim_nyc_inspection_type LIMIT 0, 1000	1 row(s) returned	0.203 sec / 0.000 sec
20	23:30:37	SELECT MAX(ViolationCodeSK) FROM nyc_food_inspection.dim_nyc_violation_codes LIMIT 0, 1000	1 row(s) returned	0.203 sec / 0.000 sec
21	23:33:13	SELECT MAX(AddressSK) FROM nyc_food_inspection.fct_nyc_food_inspections LIMIT 0, 1000	1 row(s) returned	0.172 sec / 0.000 sec
22	23:34:11	SELECT MAX(ActionSK) FROM nyc_food_inspection.fct_nycinspection_violations LIMIT 0, 1000	1 row(s) returned	0.172 sec / 0.000 sec