

# Alteryx Data Preparation Tool Using Seattle Pet Licenses & Adventure Works

The screenshot shows the Alteryx Designer x64 interface. The 'Input Data (3) - Configuration' pane on the left is set to 'Connect a File or Database' with the file path 'C:\Users\mnom\Downloads\Seattle\_Pet\_Licenses.tsv'. The 'Options' section shows 'Record Limit' set to 1, 'File Format' set to 'Alteryx Database (\*.ydb)', and 'Search SubDirs' checked. A 'Resolve File Type' dialog box is open, displaying the message 'The selected file is not a recognized type' and offering options to read the file as a built-in type, a fixed width text file, or a delimited text file. The 'Delimited text file' option is selected with a tab delimiter. The 'First Row Contains Field Names' checkbox is also checked. The main workspace shows a workflow diagram with an 'Input Data' tool. The 'Results - Input Data (3) - Output' pane at the bottom indicates '0 of 0 Fields' and 'No data available. Use Ctrl+R to run the workflow.'

The screenshot shows the Alteryx Designer x64 interface. The 'Browse (4) - Configuration' pane on the left displays a profile for 'Seattle\_Pet\_Licenses.tsv' with 43,908 records, 7 fields, and 1.0 MB. The 'Results - Browse (4) - Input' pane at the bottom shows a table with 7 fields: Record, License Issue Date, License Number, Animal's Name, Species, Primary Breed, Secondary Breed, and ZIP Code. The table contains 16 records.

Record	License Issue Date	License Number	Animal's Name	Species	Primary Breed	Secondary Breed	ZIP Code
1	December 18 2015	5107948	Zen	Cat	Domestic Longhair	Mix	98117
2	June 14 2016	5116503	Misty	Cat	Siberian	[Redacted]	98117
3	August 04 2016	5119301	Lyra	Cat	Mix	[Redacted]	98121
4	January 27 2019	8005097	Jolene	Cat	Maine Coon	Mix	98133
5	February 06 2019	5151272	Mo Kitty	Cat	Domestic Shorthair	Mix	98105
6	February 13 2019	962273	Veronica	Cat	Domestic Longhair	[Redacted]	98107
7	February 25 2019	8004767	Ozzie	Cat	Domestic Medium Hair	[Redacted]	98107
8	February 25 2019	8004766	Mr. Pickles	Cat	Domestic Shorthair	Mix	98107
9	February 25 2019	29135	Tabby	Cat	Domestic Shorthair	[Redacted]	98115
10	March 19 2019	8006546	Kiki	Cat	Domestic Longhair	Mix	98115
11	April 21 2019	5128396	Haru	Cat	Domestic Shorthair	Mix	98199
12	May 13 2019	5108529	Stasia	Cat	Domestic Medium Hair	[Redacted]	98109
13	June 01 2019	208746	Sweetheart	Cat	Domestic Medium Hair	[Redacted]	98116
14	June 06 2019	79347	Mr Darcy	Cat	Domestic Shorthair	[Redacted]	98103
15	June 24 2019	8007018	Izaki	Cat	Domestic Shorthair	[Redacted]	98111

Alteryx Designer x64 - New Workflow\*

File Edit View Options Help

Search for tools, help, and resources...

Auto Insights Uploader Browse Data Time Now Directory Input Data Map Input Output Data Text Input

Output Data (3) - Configuration

Write to File or Database

odbc DSN=SQLServer;UID=SA;PWD=\_\_\_EncPwd1\_\_\_@Pet\_Licenses\_1

Set Up a Connection

Use Data Connection Manager (DCM)

Options

Name	Value
1 Max Records Per File	
2 File Format	ODBC Database (odbc)
3 Passwords	Hide (Default)
4 Output Options	Overwrite Table (Drop)
5 Append Field Map	By Field Name
6 Key for Update	Pick Key for Update File...
7 Pre Create SQL Statement	
8 Post Create SQL Statement	
9 Ignore Pre/Post SQL DROP TABLE Errors	<input type="checkbox"/>
10 Table/FieldName SQL Style	Quoted
11 Transaction Size	10000
12 Show Transaction Messages	<input type="checkbox"/>

Take File/Table Name From Field

Append Suffix to File/Table Name

Field Containing File Name or Part of File Name

Keep Field in Output

Disable Tool

New Workflow\* x +

Seattle\_Pet\_Licenses.esb

DSN=SQLServer;Query=Pet\_Licenses.esb

Results - Output Data (3) - Input

7 of 7 Fields • 15,969 of 43,908 records displayed (partial results)

Record	License Issue Date	License Number	Animal's Name	Species	Primary Breed	Secondary Breed	ZIP Code
1	December 18 2015	S107948	Zen	Cat	Domestic Longhair	Mix	98117
2	June 14 2016	S116503	Misty	Cat	Siberian	NULL	98117
3	August 04 2016	S119301	Lyra	Cat	Mix	NULL	98121
4	January 27 2019	8005097	Jolene	Cat	Maine Coon	Mix	98133
5	February 06 2019	S151272	Mo Kitty	Cat	Domestic Shorthair	Mix	98105
6	February 13 2019	962273	Veronica	Cat	Domestic Longhair	NULL	98107
7	February 25 2019	8004767	Ozzie	Cat	Domestic Medium Hair	NULL	98107
8	February 25 2019	8004766	Mr. Pickles	Cat	Domestic Shorthair	Mix	98107
9	February 25 2019	29135	Tabby	Cat	Domestic Shorthair	NULL	98115

9°C Mostly cloudy

Search

1:31 PM 2/6/2023

SQLQuery1.sql - localhost, 1433:master (SA (55)) - Microsoft SQL Server Management Studio

File Edit View Query Project Tools Window Help

Quick Launch (Ctrl+Q)

master

Execute

Object Explorer

Connect

dbo.Pet\_Licenses\_1

Columns

- License Issue Date (nvarchar(254), null)
- License Number (nvarchar(254), null)
- Animal's Name (nvarchar(254), null)
- Species (nvarchar(254), null)
- Primary Breed (nvarchar(254), null)
- Secondary Breed (nvarchar(254), null)
- ZIP Code (nvarchar(254), null)

Keys

Constraints

Triggers

Indexes

Statistics

Views

Synonyms

Programmability

Service Broker

Storage

Security

model

msdb

tempdb

Database Snapshots

AdventureWorksLT2019

Database Diagrams

Tables

- System Tables
- File Tables
- External Tables
- Graph Tables
- dbo.BuildVersion
- dbo.ErrorLog
- SalesLT.Address
- SalesLT.Customer
- SalesLT.CustomerAddress

SQLQuery1.sql - loc...33:master (SA (55))

```

/***** Script for SelectTopRows command from SSMS *****/
SELECT TOP (1000) [License Issue Date]
,[License Number]
,[Animal's Name]
,[Species]
,[Primary Breed]
,[Secondary Breed]
,[ZIP Code]
FROM [master].[dbo].[Pet_Licenses_1]

```

89 %

Results

License Issue Date	License Number	Animal's Name	Species	Primary Breed	Secondary Breed	ZIP Code
December 18 2015	S107948	Zen	Cat	Domestic Longhair	Mix	98117
June 14 2016	S116503	Misty	Cat	Siberian	NULL	98117
August 04 2016	S119301	Lyra	Cat	Mix	NULL	98121
January 27 2019	8005097	Jolene	Cat	Maine Coon	Mix	98133
February 06 2019	S151272	Mo Kitty	Cat	Domestic Shorthair	Mix	98105
February 13 2019	962273	Veronica	Cat	Domestic Longhair	NULL	98107
February 25 2019	8004767	Ozzie	Cat	Domestic Medium Hair	NULL	98107
February 25 2019	8004766	Mr. Pickles	Cat	Domestic Shorthair	Mix	98107
February 25 2019	29135	Tabby	Cat	Domestic Shorthair	NULL	98115
March 19 2019	8005546	Kiki	Cat	Domestic Longhair	Mix	98115
April 21 2019	S128396	Haru	Cat	Domestic Shorthair	Mix	98199
May 13 2019	S108529	Stasia	Cat	Domestic Medium Hair	NULL	98109
June 01 2019	208746	Sweetheart	Cat	Domestic Medium Hair	NULL	98118
June 08 2019	79347	Mr. Darcy	Cat	Domestic Shorthair	NULL	98103
June 25 2019	8007918	Kali	Cat	Domestic Shorthair	NULL	98133
July 04 2019	206285	Daisy	Cat	Domestic Shorthair	NULL	98117
July 30 2019	S132137	Ada	Cat	American Curl	Mix	98115
August 10 2019	S133113	Spider	Cat	LaPerm	NULL	98115
August 16 2019	S130442	Fog	Cat	Domestic Medium Hair	Mix	98106
August 23 2019	S133417	Alicia Keys	Cat	Domestic Longhair	NULL	98133
September 01 20...	S133114	Edom	Cat	LaPerm	NULL	98115
September 06 20...	434326	Punky	Cat	Domestic Shorthair	NULL	98112
October 11 2019	825362	Hank	Cat	Domestic Shorthair	NULL	98116
October 24 2019	346697	Charlotte	Cat	LaPerm	NULL	98105
October 24 2019	346695	Charlie	Cat	LaPerm	NULL	98105
November 01 2019	832211	Frodo	Cat	Domestic Shorthair	NULL	98112

Query executed successfully.

localhost, 1433 (15.0 RTM) SA (55) master 00:00:00 1,000 rows

Ready

Ln 1 Col 1 Ch 1 INS

9°C Mostly cloudy

Search

1:35 PM 2/6/2023

Alteryx Designer x64 - New Workflow\*

Search for tools, help, and resources...

File Edit View Options Help

Auto Insights Uploader Browse Data Time Now Directory Input Data Map Input Output Data Text Input

Select (7) - Configuration

Options

Field	Type	Size	Rename	Description
License Issue Date	String	17		
License Number	String	7		
Animal's Name	V_String	50		
Species	String	4		
Primary Breed	V_String	46		
Secondary Breed	V_String	46		
ZIP Code	Int32	4		
Unknown	Unknown	0		Dynamic or

Use commas as decimal separators (String/Numeric conversions only)

New Workflow\* x +

Seattle\_Pet\_Licenses.es.csv

DSN=SQL Server Query=Pet\_Licenses.es\_1

DSN=SQL Server Query=Pet\_Licenses.es\_2

Results - Select (7) - Input

7 of 7 Fields • 16,223 of 43,908 records displayed (partial results)

Record	License Issue Date	License Number	Animal's Name	Species	Primary Breed	Secondary Breed	ZIP Code
1	December 18 2015	S107948	Zen	Cat	Domestic Longhair	Mix	98117
2	June 14 2016	S116503	Misty	Cat	Siberian	Null	98117

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SQLQuery1.sql - not connected - Microsoft SQL Server Management Studio

File Edit View Project Tools Window Help

Object Explorer

Connect

- dbo.Pet\_Licenses\_1
- dbo.Pet\_Licenses\_2
- Columns
  - License Issue Date (char(17), null)
  - License Number (char(7), null)
  - Animal's Name (nvarchar(50), null)
  - Species (char(4), null)
  - Primary Breed (varchar(46), null)
  - Secondary Breed (varchar(46), null)
  - ZIP Code (int, null)
- Keys
- Constraints
- Triggers
- Indexes
- Statistics
- Views
- Synonyms
- Programmability
- Service Broker
- Storage
- Security
- model
- msdb
- tempdb
- Database Snapshots
- AdventureWorksLT2019
- Database Diagrams
- Tables
  - System Tables
  - FileTables
  - External Tables
  - Graph Tables
  - dbo.BuildVersion
  - dbo.ErrorLog
  - SalesLT.Address
  - SalesLT.Customer

SQLQuery1.sql - not connected

```

/***** Script for SelectTopRows command from SSMS *****/
SELECT TOP (1000) [License Issue Date]
,[License Number]
,[Animal's Name]
,[Species]
,[Primary Breed]
,[Secondary Breed]
,[ZIP Code]
FROM [master].[dbo].[Pet_Licenses_1]
  
```

Results

License Issue Date	License Number	Animal's Name	Species	Primary Breed	Secondary Breed	ZIP Code
December 18 2015	S107948	Zen	Cat	Domestic Longhair	Mix	98117
June 14 2016	S116503	Misty	Cat	Siberian	NULL	98117
August 04 2016	S119501	Lynx	Cat	Mix	NULL	98121
January 27 2019	8095087	Jolene	Cat	Maine Coon	Mix	98133
February 06 2019	S151272	Mo Kitty	Cat	Domestic Shorthair	Mix	98105
February 13 2019	962273	Veronica	Cat	Domestic Longhair	NULL	98107
February 25 2019	8004767	Ozzie	Cat	Domestic Medium Hair	NULL	98107
February 25 2019	8004766	Mr Pickles	Cat	Domestic Shorthair	Mix	98107
February 25 2019	29135	Talbot	Cat	Domestic Shorthair	NULL	98115
March 19 2019	8006546	Kiki	Cat	Domestic Longhair	Mix	98115
April 21 2019	S128396	Haru	Cat	Domestic Shorthair	Mix	98199
May 13 2019	S108529	Stasia	Cat	Domestic Medium Hair	NULL	98109
June 01 2019	208746	Sweetheart	Cat	Domestic Medium Hair	NULL	98118
June 08 2019	79347	Mr Darcy	Cat	Domestic Shorthair	NULL	98103
June 25 2019	8007918	Kali	Cat	Domestic Shorthair	NULL	98133
July 04 2019	206285	Daisy	Cat	Domestic Shorthair	NULL	98117
July 30 2019	S132137	Ada	Cat	American Curl	Mix	98115
August 10 2019	S133113	Spider	Cat	LaPerm	NULL	98115
August 16 2019	S130442	Fog	Cat	Domestic Medium Hair	Mix	98106
August 23 2019	S133417	Alicia Keys	Cat	Domestic Longhair	NULL	98133
September 01 20...	S133114	Edom	Cat	LaPerm	NULL	98115
September 06 20...	434326	Puncy	Cat	Domestic Shorthair	NULL	98112
October 11 2019	825362	Hank	Cat	Domestic Shorthair	NULL	98116
October 24 2019	346697	Charlotte	Cat	LaPerm	NULL	98105
October 24 2019	346695	Charlie	Cat	LaPerm	NULL	98105
November 01 2019	832211	Frodo	Cat	Domestic Shorthair	NULL	98112

Disconnected.

Ready

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Alteryx Designer v64 - Copy of Seattle\_Pet\_license.yxmd

File Edit View Options Help

Search for tools, help, and resources...

Favorites Recommended In/Out Preparation Join Parse Transform In-Database Reporting Documentation Spatial Machine Learning Text Mining Computer Vision Interface Data Investigator

Auto Field Create Samples Data Cleansing Filter Formula Generate Rows Imputation Multi-Field Binning Multi-Field Formula Multi-Row Formula Oversample Field Random % Sample Record ID Sample Select Select Records Sort Tile Unique

Formula (9) - Configuration

Output Column Data Preview

1 DI\_Create\_Date

DateTimeNow()

Data type: Date Size: 10

Seattle\_Pet\_Licens es.tsv

DSN=SQLServer Query=Pet\_Licens es\_2

Formula (9) DI\_Create\_Date = DateTimeNow() DateTimeNow()

Results - Formula (9) - Input

0 of 0 Fields Cell Viewer

No data available. Use Ctrl-R to run the workflow.

9°C Mostly cloudy 3:23 PM 2/6/2023

Alteryx Designer v64 - Copy of Seattle\_Pet\_license.yxmd

File Edit View Options Help

Search for tools, help, and resources...

Favorites Recommended In/Out Preparation Join Parse Transform In-Database Reporting Documentation Spatial Machine Learning Text Mining Computer Vision Interface Data Investigator

Text Input Input Data

Tool Container (12) - Configuration

Caption ID Demo\_2\_Container 12

Reset to Defaults

Text Color R=49, G=76, B=74

Fill Color R=236, G=242, B=242

Border Color R=49, G=76, B=74

Transparency 25

Margin Small

Disabled

Seattle\_Pet\_Licens es.tsv

DSN=SQLServer Query=Pet\_Licens es\_2

DI\_Create\_Date = DateTimeNow()

DSN=SQLServer Query=Pet\_Licens es\_3\_Formula

Results - Tool Container (12) - Messages

All 0 Errors 0 Conv Errors 0 Warnings 0 Info 0 Files

Last Run Configuration

8°C Mostly cloudy 3:29 PM 2/6/2023

Alteryx Designer x64 - Copy of Seattle\_Pet\_license.yxdm

File Edit View Options Help

Search for tools, help, and resources...

Output Data (11) - Configuration

Write to File or Database

odbc: DSN=SQLServer;UID=SA;PWD=\_\_\_EncPw1\_\_\_@Pet\_License\_3\_Formula

Set Up a Connection

Use Data Connection Manager (DCM)

Options

Name	Value
1 Max Records Per File	
2 File Format	ODBC Database (odbc:)
3 Passwords	Hide (Default)
4 Output Options	Overwrite Table (Drop)
5 Append Field Map	By Field Name
6 Key for Update	Pick Key for Update File...
7 Pre Create SQL Statement	
8 Post Create SQL Statement	
9 Ignore Pre/Post SQL DROP TABLE Errors	<input type="checkbox"/>
10 Table/FieldName SQL Style	Quoted
11 Transaction Size	10000
12 Show Transaction Messages	<input type="checkbox"/>

Take File/Table Name From Field

Append Suffix to File/Table Name

Field Containing File Name or Part of File Name

Keep Field in Output

Disable Tool

Seattle\_Pet\_license.yxdm Copy of Seattle\_Pet\_license.yxdm

Results - Output Data (11) - Input

9 of 9 Fields • \* 14,673 of 43,908 records displayed (partial results)

Record	LicenseSK	License Issue Date	License Number	Animal's Name	Species	Primary Breed	Secondary Breed	ZIP Code	DI_Create_D
1	1	December 18 2015	5107948	Zen	Cat	Domestic Longhair	Mix	98117	2023-02-06
2	2	June 14 2016	5116503	Misty	Cat	Siberian	[Null]	98117	2023-02-06
3	3	August 04 2016	5119301	Lyra	Cat	Mix	[Null]	98121	2023-02-06
4	4	January 27 2019	8005097	Jolene	Cat	Maine Coon	Mix	98133	2023-02-06
5	5	February 06 2019	5151272	Mo Kitty	Cat	Domestic Shorthair	Mix	98105	2023-02-06
6	6	February 13 2019	962273	Veronica	Cat	Domestic Longhair	[Null]	98107	2023-02-06
7	7	February 25 2019	8004767	Ozzie	Cat	Domestic Medium Hair	[Null]	98107	2023-02-06
8	8	February 25 2019	8004766	Mr. Pickles	Cat	Domestic Shorthair	Mix	98107	2023-02-06
9	9	February 25 2019	29135	Tabby	Cat	Domestic Shorthair	[Null]	98115	2023-02-06
10	10	March 19 2019	8006546	Kiki	Cat	Domestic Longhair	Mix	98115	2023-02-06
11	11	April 21 2019	5128396	Haru	Cat	Domestic Shorthair	Mix	98199	2023-02-06
12	12	May 13 2019	5108529	Stasia	Cat	Domestic Medium Hair	[Null]	98109	2023-02-06
13	13	June 01 2019	208746	Sweetheart	Cat	Domestic Medium Hair	[Null]	98116	2023-02-06
14	14	June 06 2019	79347	Mr Darcy	Cat	Domestic Shorthair	[Null]	98103	2023-02-06
15	15	June 25 2019	8007918	Kali	Cat	Domestic Shorthair	[Null]	98133	2023-02-06
16	16	July 04 2019	209285	Daisy	Cat	Domestic Shorthair	[Null]	98117	2023-02-06

Alteryx Designer x64 - Copy of Seattle\_Pet\_license.yxdm

File Edit View Options Help

Search for tools, help, and resources...

Output Data (16) - Configuration

Write to File or Database

odbc: DSN=SQLServer;UID=SA;PWD=\_\_\_EncPw1\_\_\_@Pet\_Cats

Set Up a Connection

Use Data Connection Manager (DCM)

Options

Name	Value
1 Max Records Per File	
2 File Format	ODBC Database (odbc:)
3 Passwords	Hide (Default)
4 Output Options	Create New Table
5 Append Field Map	By Field Name
6 Key for Update	Pick Key for Update File...
7 Pre Create SQL Statement	
8 Post Create SQL Statement	
9 Ignore Pre/Post SQL DROP TABLE Errors	<input type="checkbox"/>
10 Table/FieldName SQL Style	Quoted
11 Transaction Size	10000
12 Show Transaction Messages	<input type="checkbox"/>

Take File/Table Name From Field

Append Suffix to File/Table Name

Field Containing File Name or Part of File Name

Keep Field in Output

Disable Tool

Seattle\_Pet\_license.yxdm Copy of Seattle\_Pet\_license.yxdm

Results - Output Data (16) - Input

8 of 8 Fields • Cell Viewer • 13,332 records displayed

Record	License Issue Date	License Number	Animal's Name	Species	Primary Breed	Secondary Breed	ZIP Code	DI_Create_Date
1	December 18 2015	5107948	Zen	Cat	Domestic Longhair	Mix	98117	2023-02-06
2	June 14 2016	5116503	Misty	Cat	Siberian	[Null]	98117	2023-02-06
3	August 04 2016	5119301	Lyra	Cat	Mix	[Null]	98121	2023-02-06
4	January 27 2019	8005097	Jolene	Cat	Maine Coon	Mix	98133	2023-02-06
5	February 06 2019	5151272	Mo Kitty	Cat	Domestic Shorthair	Mix	98105	2023-02-06
6	February 13 2019	962273	Veronica	Cat	Domestic Longhair	[Null]	98107	2023-02-06
7	February 25 2019	8004767	Ozzie	Cat	Domestic Medium Hair	[Null]	98107	2023-02-06
8	February 25 2019	8004766	Mr. Pickles	Cat	Domestic Shorthair	Mix	98107	2023-02-06
9	February 25 2019	29135	Tabby	Cat	Domestic Shorthair	[Null]	98115	2023-02-06
10	March 19 2019	8006546	Kiki	Cat	Domestic Longhair	Mix	98115	2023-02-06
11	April 21 2019	5128396	Haru	Cat	Domestic Shorthair	Mix	98199	2023-02-06
12	May 13 2019	5108529	Stasia	Cat	Domestic Medium Hair	[Null]	98109	2023-02-06
13	June 01 2019	208746	Sweetheart	Cat	Domestic Medium Hair	[Null]	98116	2023-02-06
14	June 06 2019	79347	Mr Darcy	Cat	Domestic Shorthair	[Null]	98103	2023-02-06



Alteryx Designer x64 - Copy of Seattle\_Pet\_license.yxmd

File Edit View Options Help

Auto Insights Uploader Browse Data Time Now Directory Input Data Map Input Output Data Text Input

Output Data (15) - Configuration

Write to File or Database

odbc DSN=SQLServer.UID=SA;PWD=\_\_\_EncPwD1\_\_\_Pet\_Dogs

Set Up a Connection

Use Data Connection Manager (DCM)

Options

Name	Value
1 Max Records Per File	
2 File Format	ODBC Database (odbc)
3 Passwords	Hide (Default)
4 Output Options	Create New Table
5 Append Field Map	By Field Name
6 Key for Update	Pick Key for Update File...
7 Pre Create SQL Statement	
8 Post Create SQL Statement	
9 Ignore Pre/Post SQL DROP TABLE Errors	<input type="checkbox"/>
10 Table/FieldName SQL Style	Quoted
11 Transaction Size	10000
12 Show Transaction Messages	<input type="checkbox"/>

Take File/Table Name From Field

Append Suffix to File/Table Name

Field Containing File Name or Part of File Name

Keep Field in Output

Disable Tool

Results - Output Data (15) - Input

8 of 8 Fields • 14,405 of 30,544 records displayed (partial results)

Record	License Issue Date	License Number	Animal's Name	Species	Primary Breed	Secondary Breed	ZIP Code	DL Create Date
1	November 12 2015	819997	Dixie	Dog	Terrier	Mix	98125	2023-02-06
2	March 24 2016	900605	Chloe	Dog	Chihuahua, Short Coat	Mix	98125	2023-02-06
3	April 09 2019	138004	Sally	Dog	Terrier, Fox, Wire	[Null]	98103	2023-02-06
4	May 20 2019	8006773	Anna	Dog	Shiba Inu	Terrier, Rat	98126	2023-02-06
5	August 13 2019	5115966	Michonne	Dog	Papillon	Mix	98102	2023-02-06
6	August 30 2019	5123137	Willow	Dog	Australian Cattle Dog	Mix	98126	2023-02-06
7	September 14 2019	8011593	Kenai	Dog	Alaskan Husky	[Null]	98122	2023-02-06
8	September 22 2019	8011810	Little Duck	Dog	Miniature Pinscher	Mix	98178	2023-02-06
9	September 29 2019	5138352	Koda	Dog	Retriever, Labrador	Terrier	98103	2023-02-06
10	October 09 2019	8012329	Chica	Dog	Chihuahua, Short Coat	[Null]	[Null]	2023-02-06
11	October 10 2019	8012358	Chloe	Dog	Doberman Pinscher	[Null]	98105	2023-02-06
12	October 27 2019	8012788	Lily	Dog	Retriever, Labrador	[Null]	98118	2023-02-06
13	November 06 2019	5118188	Tippy	Dog	Terrier	Mix	98136	2023-02-06
14	November 23 2019	8010937	Maddy	Dog	Pointer, German Shorthaired	Retriever, Labrador	98125	2023-02-06

Alteryx Designer x64 - Copy of Seattle\_Pet\_license.yxmd

File Edit View Options Help

Auto Insights Uploader Browse Data Time Now Directory Input Data Map Input Output Data Text Input

Browse (17) - Configuration

Profile

32 records displayed, 8 fields, 1,997 bytes

License Issue Date

License Issue Date	Count
October 29 2021	6
December 05 2022	4
April 03 2022	2
August 03 2021	2
August 31 2022	2

13 more >

License Number

License Number	Count
216330	1
731834	1
828693	1
903797	1
5101598	1

27 more >

Animal's Name

Animal's Name	Count
Abelard	1
Atticus	1
Bow	1

Results - Browse (17) - Input

8 of 8 Fields • Cell Viewer • 32 records displayed, 1,997 bytes

Record	License Issue Date	License Number	Animal's Name	Species	Primary Breed	Secondary Breed	ZIP Code	DL Create Date
1	March 07 2021	5155659	Pearl	Goat	Miniature	[Null]	98108	2023-02-06
2	March 07 2021	5155660	Verna	Goat	Miniature	[Null]	98108	2023-02-06
3	March 12 2021	5151302	Estelle	Goat	Miniature	[Null]	98144	2023-02-06
4	March 17 2021	5155792	Carmella	Goat	Miniature	[Null]	98144	2023-02-06
5	July 23 2021	5136146	Abelard	Goat	Miniature	[Null]	98112	2023-02-06
6	August 03 2021	5101599	Mollie	Goat	Miniature	Miniature	98178	2023-02-06
7	August 03 2021	5101598	Finn	Goat	Miniature	Miniature	98178	2023-02-06
8	October 29 2021	5156929	Ramy	Goat	Miniature	Miniature	98115	2023-02-06
9	October 29 2021	5156928	Mercy	Goat	Miniature	Miniature	98115	2023-02-06
10	October 29 2021	5121306	Heidi	Goat	Miniature	[Null]	98115	2023-02-06
11	October 29 2021	828693	Pegasis	Goat	Miniature	[Null]	98115	2023-02-06
12	October 29 2021	5151051	Travis	Goat	Miniature	Miniature	98115	2023-02-06
13	October 29 2021	5156930	Bow	Goat	Miniature	Miniature	98115	2023-02-06
14	April 03 2022	5157413	Coco	Goat	Miniature	Miniature	98122	2023-02-06

Alteryx Designer x64 - New Workflow2\*

File Edit View Options Help

Search for tools, help, and resources...

Auto Field Create Samples Data Cleansing Filter Formula Generate Rows Imputation Multi-Field Binning Multi-Field Formula Multi-Row Formula Over-sample Field Random % Sample Record ID Sample Select Select Records Sort Tile Unique

Input Data (1) - Configuration

Connect a File or Database

odbc DSN=SQLServer.UID=sa.PWD=\_\_\_\_EncProd1\_\_\_\_

Set Up a Connection

Use Data Connection Manager (DCM)

Options

Name	Value
1 Record Limit	
2 File Format	ODBC Database (odbc)
3 Passwords	Hide (Default)
4 Table or Query	select AdventureWorks.DW2019...

Preview first 100 records Refresh

The preview will not automatically show for network files or relational databases. To see a preview, click the "Refresh" button above.

New Workflow2\*

Input Data (1)

DSN=SQLServer

Query=select AdventureWorks.DW2019...

Results - Input Data (1) - Output

0 of 0 Fields

Cell Viewer

No data available. Use Ctrl+R to run the workflow.

8°C Cloudy

4:32 PM 2/6/2023

Alteryx Designer x64 - New Workflow2\*

File Edit View Options Help

Search for tools, help, and resources...

Auto Field Create Samples Data Cleansing Filter Formula Generate Rows Imputation Multi-Field Binning Multi-Field Formula Multi-Row Formula Over-sample Field Random % Sample Record ID Sample Select Select Records Sort Tile Unique

Select (5) - Configuration

Options

Field	Type	Size	Rename
<input checked="" type="checkbox"/> ProductKey	Int32	4	
<input checked="" type="checkbox"/> ProductAlternateKey	V_WString	25	
<input checked="" type="checkbox"/> ProductSubcategoryKey	Int32	4	
<input checked="" type="checkbox"/> WeightUnitMeasureCode	WString	3	
<input checked="" type="checkbox"/> SizeUnitMeasureCode	WString	3	
<input checked="" type="checkbox"/> EnglishProductName	V_WString	50	
<input type="checkbox"/> SpanishProductName	V_WString	50	
<input type="checkbox"/> FrenchProductName	V_WString	50	
<input checked="" type="checkbox"/> StandardCost	FixedDecimal	21.4	
<input checked="" type="checkbox"/> FinishedGoodsFlag	Bool	1	
<input checked="" type="checkbox"/> Color	V_WString	15	
<input checked="" type="checkbox"/> SafetyStockLevel	Int16	2	
<input checked="" type="checkbox"/> ReorderPoint	Int16	2	
<input checked="" type="checkbox"/> ListPrice	FixedDecimal	21.4	
<input checked="" type="checkbox"/> Size	V_WString	50	
<input checked="" type="checkbox"/> SizeRange	V_WString	50	
<input checked="" type="checkbox"/> Weight	Double	8	
<input checked="" type="checkbox"/> DaysToManufacture	Int32	4	
<input checked="" type="checkbox"/> ProductLine	WString	2	
<input checked="" type="checkbox"/> DealerPrice	FixedDecimal	21.4	
<input checked="" type="checkbox"/> Class	WString	2	
<input checked="" type="checkbox"/> Style	WString	2	
<input checked="" type="checkbox"/> ModelName	V_WString	50	

Use commas as decimal separators (String/Numeric conversions only)

New Workflow2\*

DSN=SQLServer

Query=select AdventureWorks.DW2019...

Results - Select (5) - Output

0 of 0 Fields

Cell Viewer

No data available. Use Ctrl+R to run the workflow.

8°C Cloudy

4:32 PM 2/6/2023

Alteryx Designer x64 - New Workflow2\*

File Edit View Options Help

Search for tools, help, and resources...

Auto Field Create Samples Data Cleansing Filter Formula Generate Rows Imputation Multi-Field Binning Multi-Field Formula Multi-Row Formula OverSample Field Random % Sample Record ID Sample Select Select Records Sort Tile Unique

Select (6) - Configuration

Options: Field Type Size Rename

Field	Type	Size	Rename
ProductSubcategoryKey	Int32	4	
ProductSubcategoryAlternateKey	Int32	4	
EnglishProductSubcategoryName	V_WString	50	
SpanishProductSubcategoryName	V_WString	50	
FrenchProductSubcategoryName	V_WString	50	
ProductCategoryKey	Int32	4	
*Unknown	Unknown	0	

Use commas as decimal separators (String/Numeric conversions only)

New Workflow2\*

DSN=SQL Server Query=select AdventureWorks DW2019...

DSN=SQL Server Query=select AdventureWorks DW2019...

Results - Select (6) - Output

0 of 0 Fields | Cell Viewer | Data Metadata Actions

No data available. Use Ctrl+R to run the workflow.

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Alteryx Designer x64 - New Workflow2\*

File Edit View Options Help

Search for tools, help, and resources...

Browse Input Data Output Data Text Input Data Cleansing Filter Formula Sample Select Sort Join Union Text To Columns Summarize Comment

Join (7) - Configuration

Join by Record Position

Join by Specific Fields

Left	Right
ProductSubcategoryKey	ProductSubcategoryKey

Options: Input Field Type

Input	Field	Type
Left	ProductKey	Int32
Left	ProductAlternateKey	V_WString
Left	ProductSubcategoryKey	Int32
Left	WeightUnitMeasureCode	WString
Left	SizeUnitMeasureCode	WString
Left	EnglishProductName	V_WString
Left	StandardCost	FixedDecimal
Left	FinishedGoodsFlag	Bool
Left	Color	V_WString
Left	SafetyStockLevel	Int16
Left	ReorderPoint	Int16
Left	ListPrice	FixedDecimal
Left	Size	V_WString
Left	SizeRange	V_WString

New Workflow2\*

DSN=SQL Server Query=select AdventureWorks DW2019...

DSN=SQL Server Query=select AdventureWorks DW2019...

Results - Join (7) - In - Left

0 of 0 Fields | Cell Viewer | Data Metadata Actions

No data available. Use Ctrl+R to run the workflow.

8°C Cloudy 4:36 PM 2/6/2023





Alteryx Designer x64 - New Workflow2\*

File Edit View Options Help

Search for tools, help, and resources...

Favorites Recommended In/Out Preparation Join Parse Transform In-Database Reporting Documentation Spatial Machine Learning Text Mining Computer Vision Interface Data Investigation

Tools: Browse, Input Data, Output Data, Text Input, Data Cleansing, Filter, Formula, Sample, Select, Sort, Join, Union, Text To Column, Summarize, Comment

Output Data (13) - Configuration

Write to File or Database

odbc DSN=SQLServer;UID=sa;PWD=\_\_\_EncPwD1\_\_\_ADW\_Products\_Sold

Set Up a Connection

Use Data Connection Manager (DCM)

Options

Name	Value
1 Max Records Per File	
2 File Format	ODBC Database (odbc)
3 Passwords	Hide (Default)
4 Output Options	Overwrite Table (Drop)
5 Append Field Map	By Field Name
6 Key for Update	Pick Key for Update Field(s)
7 Pre Create SQL Statement	
8 Post Create SQL Statement	
9 Ignore Pre/Post SQL DROP TABLE Errors	<input type="checkbox"/>
10 Table/FieldName SQL Style	Quoted
11 Transaction Size	10000
12 Show Transaction Messages	<input type="checkbox"/>

Take File/Table Name From Field

Append Suffix to File/Table Name

Field Containing File Name or Part of File Name

Keep Field in Output

Disable Tool

New Workflow2\* +

Run

Results - Output Data (13) - Messages

All 0 Errors 0 Conv Errors 0 Warnings 2 Info 0 Files

Output Data (13) ODBC Driver version: 03.S2

Output Data (13) 397 records were written to odbc:DSN=SQLServer;UID=sa;PWD=\_\_\_EncPwD1\_\_\_(ADW\_Products\_Sold)

7°C Cloudy

5:09 PM 2/6/2023

SQLQuery3.sql - localhost, 1433.master (SA (51)) - Microsoft SQL Server Management Studio

File Edit View Query Project Tools Window Help

Quick Launch (Ctrl+Q)

master

Execute

Object Explorer

Connect

dbo.ADW\_Products\_Sold

Columns

- ProductKey (int, null)
- ProductAlternateKey (char(10), null)
- ProductSubcategoryKey (int, null)
- WeightUnitMeasureCode (char(2), null)
- SizeUnitMeasureCode (char(2), null)
- ProductName (varchar(32), null)
- StandardCost (decimal(20,4), null)
- FinishedGoodsFlag (bit, null)
- Color (varchar(12), null)
- SafetyStockLevel (smallint, null)
- ReorderPoint (smallint, null)
- ListPrice (decimal(20,4), null)
- Size (char(2), null)
- SizeRange (char(8), null)
- Weight (float, null)
- DaysToManufacture (int, null)
- ProductLine (char(1), null)
- DealerPrice (decimal(20,4), null)
- Class (char(1), null)
- Style (char(1), null)
- ModelName (varchar(27), null)
- EnglishDescription (varchar(221), null)
- StartDate (datetime, null)
- EndDate (datetime, null)
- Status (char(7), null)
- ProductSubcategoryAlternateKey (int, null)
- SubCategoryName (varchar(17), null)
- ProductCategoryKey (int, null)
- ProductCategoryAlternateKey (int, null)
- CategoryName (nvarchar(50), null)

Keys

Constraints

Triggers

SQLQuery3.sql - loc...33.master (SA (51))

SQLQuery2.sql - lo...kDW2019 (SA (52))

```
***** Script for SelectTopRows command from SSIS *****
SELECT TOP (1000) [ProductKey]
,[ProductAlternateKey]
,[ProductSubcategoryKey]
,[WeightUnitMeasureCode]
,[SizeUnitMeasureCode]
,[ProductName]
,[StandardCost]
,[FinishedGoodsFlag]
,[Color]
,[SafetyStockLevel]
,[ReorderPoint]
,[ListPrice]
,[Size]
,[SizeRange]
,[Weight]
,[DaysToManufacture]
,[ProductLine]
,[DealerPrice]
,[Class]
,[Style]
,[ModelName]
,[EnglishDescription]
,[StartDate]
,[EndDate]
,[Status]
,[ProductSubcategoryAlternateKey]
,[SubCategoryName]
,[ProductCategoryKey]
,[ProductCategoryAlternateKey]
,[CategoryName]
FROM [AdventureWorks].[Production].[Product]
```

Results Messages

ProductKey	ProductAlternateKey	ProductSubcategoryKey	WeightUnitMeasureCode	SizeUnitMeasureCode	ProductName	StandardCost	FinishedGoodsFlag	Color	SafetyStockLevel	ReorderPoint	ListPrice
1	447	LO-C100	34	NULL	Cable Lock	10.3125	1	NA	4	3	25.0000
2	484	CL-9009	29	NULL	Bike Wash - Dissolver	2.9733	1	NA	4	3	7.9500
3	485	FE-6654	30	NULL	Fender Set - Mountain	8.2205	1	NA	4	3	21.9800
4	212	HL-US09-R	31	NULL	Sport-100 Helmet, Red	12.0278	1	Red	4	3	33.6442
5	213	HL-US09-R	31	NULL	Sport-100 Helmet, Red	13.8782	1	Red	4	3	33.6442
6	214	HL-US09-R	31	NULL	Sport-100 Helmet, Red	13.0863	1	Red	4	3	34.9900
7	215	HL-US09	31	NULL	Sport-100 Helmet, Black	12.0278	1	Black	4	3	33.6442
8	216	HL-US09	31	NULL	Sport-100 Helmet, Black	13.8782	1	Black	4	3	33.6442
9	217	HL-US09	31	NULL	Sport-100 Helmet, Black	13.0863	1	Black	4	3	34.9900
10	220	HL-US09-B	31	NULL	Sport-100 Helmet, Blue	12.0278	1	Blue	4	3	33.6442
11	221	HL-US09-B	31	NULL	Sport-100 Helmet, Blue	13.8782	1	Blue	4	3	33.6442
12	222	HL-US09-B	31	NULL	Sport-100 Helmet, Blue	13.0863	1	Blue	4	3	34.9900
13	487	HY-1023-70	32	NULL	Hydration Pack - 70 oz.	20.5663	1	Silver	4	3	54.9900
14	450	LT-T990	33	NULL	Tailights - Battery-Powered	5.7709	1	NA	4	3	13.9900
15	451	LT-H602	33	NULL	Headlights - Dual-Beam	14.4334	1	NA	4	3	34.9900

Query executed successfully.

localhost, 1433 (15.0 RTM) SA (51) master 00:00:00 397 rows

Ready

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5:09 PM 2/6/2023