

# Seattle Pet License dimensional modeling - Part 1 (Staging data)

## Screenshot of Talend workflow/job(After run with row counts)

The screenshot displays the Talend Cloud Data Fabric interface for a job named 'Job Assignment\_SeattlePet 0.1'. The workflow diagram shows the following components and row counts:

- Assignment\_SPL\_ReadData**: 42525 rows in 9.02s (Main order:1)
- tLogRow\_1**: 1 rows in 9.54s (Reject order:2)
- tMap\_2**: 42525 rows in 9.55s (console\_log (Main order:2))
- load\_stage\_tables**: 3779.66 rows/s (Main order:1)
- connection\_mssql**: 42525 rows in 11.25s

The console log shows the following execution details:

key	value
LicNumber	S138239
ZipCode	98117

The interface also includes a 'Job Assignment\_SeattlePet' section with a 'Basic Run' button and a 'Line limit' of 1000000. The 'Default' section shows the following configuration:

Name	Value
connection_ms...	SPL
connection_ms...	****
connection_ms...	localhost
connection_ms...	dbo
connection_ms...	1433
connection_ms...	ansh
connection_ms...	UTF-8
Assignment_SP...	1

## SQL create query for Stage table

```
SQLQuery3.sql - loc...host.SPL (ansh (52)) SQLQuery1.sql - loc...host.SPL (ansh (60))*  
  
USE [SPL]  
GO  
  
/***** Object: Table [dbo].[seattle_pet_license_stage_table] Script Date: 2/12/2024 2:53:27 PM *****/  
SET ANSI_NULLS ON  
GO  
  
SET QUOTED_IDENTIFIER ON  
GO  
  
CREATE TABLE [dbo].[seattle_pet_license_stage_table](  
    [License_Issue_Date] [datetime] NULL,  
    [License_Number] [varchar](100) NULL,  
    [Animal_s_Name] [varchar](100) NULL,  
    [Species] [varchar](100) NULL,  
    [Primary_Breed] [varchar](100) NULL,  
    [Secondary_Breed] [varchar](100) NULL,  
    [ZIP_Code] [int] NULL,  
    [DI_CreatedDate] [datetime] NULL,  
    [DI_ProcessID] [varchar](100) NULL  
) ON [PRIMARY]  
GO
```

# Seattle Pet License dimensional modeling - Part 1 (Staging data)

## Screenshot of Loaded data in stage table

SQLQuery1.sql - loc...host.SPL (ansh (60))\*

```
SELECT * FROM SEATTLE_PET_LICENSE_STAGE_TABLE
```

98 %

Results Messages

	License_Issue_Date	License_Number	Animal_s_Name	Species	Primary_Breed	Secondary_Breed	ZIP_Code	DL_CreatedDate	DL_ProcessID
1	2015-12-18 00:00:00.000	S107948	Zen	Cat	Domestic Longhair	Mix	98117	2024-02-12 14:35:39.020	AqzwXP
2	2016-06-14 00:00:00.000	S116503	Misty	Cat	Siberian		98117	2024-02-12 14:35:39.020	AqzwXP
3	2016-08-04 00:00:00.000	S119301	Lyra	Cat	Mix		98121	2024-02-12 14:35:39.020	AqzwXP
4	2019-02-13 00:00:00.000	962273	Veronica	Cat	Domestic Longhair		98107	2024-02-12 14:35:39.020	AqzwXP
5	2019-08-10 00:00:00.000	S133113	Spider	Cat	LaPerm		98115	2024-02-12 14:35:39.020	AqzwXP
6	2019-11-21 00:00:00.000	8002549	Maxx	Cat	American Shorthair		98125	2024-02-12 14:35:39.020	AqzwXP
7	2020-01-12 00:00:00.000	S151906	Sammy	Cat	Domestic Shorthair	Mix	98116	2024-02-12 14:35:39.020	AqzwXP
8	2020-05-19 00:00:00.000	8015649	Bradley	Cat	Siamese		98101	2024-02-12 14:35:39.020	AqzwXP
9	2020-05-24 00:00:00.000	S142869	Mickey	Cat	Domestic Longhair		98126	2024-02-12 14:35:39.027	AqzwXP
10	2020-07-03 00:00:00.000	S112835	Diamond	Cat	Domestic Shorthair	Mix	98103	2024-02-12 14:35:39.027	AqzwXP
11	2020-07-16 00:00:00.000	83454	Dali	Cat	Domestic Shorthair		98119	2024-02-12 14:35:39.027	AqzwXP
12	2020-07-21 00:00:00.000	S131986	Nacho	Cat	Domestic Shorthair	Mix	98126	2024-02-12 14:35:39.027	AqzwXP
13	2020-08-18 00:00:00.000	8019541	Gracie	Cat	Domestic Medium Hair	Mix	98133	2024-02-12 14:35:39.027	AqzwXP
14	2020-09-08 00:00:00.000	S141990	Ramon	Cat	Domestic Shorthair	Mix	98116	2024-02-12 14:35:39.027	AqzwXP
15	2020-09-17 00:00:00.000	8015827	Luna	Cat	Ragdoll		98112	2024-02-12 14:35:39.027	AqzwXP
16	2020-11-03 00:00:00.000	S112996	Pixel	Cat	Domestic Medium Hair	Mix	98112	2024-02-12 14:35:39.027	AqzwXP
17	2020-11-17 00:00:00.000	S146576	C.C.	Cat	Domestic Shorthair	Mix	98117	2024-02-12 14:35:39.027	AqzwXP
18	2020-11-20 00:00:00.000	77412	Gemma	Cat	Siamese	American Short...	98126	2024-02-12 14:35:39.027	AqzwXP
19	2020-11-24 00:00:00.000	896993	Oliver	Cat	Domestic Longhair	Mix	98199	2024-02-12 14:35:39.027	AqzwXP
20	2020-12-15 00:00:00.000	832271	Silky Frances	Cat	Domestic Shorthair		98115	2024-02-12 14:35:39.027	AqzwXP
21	2020-12-20 00:00:00.000	S114008	Jesse	Cat	Domestic Shorthair	Mix	98103	2024-02-12 14:35:39.027	AqzwXP
22	2020-12-23 00:00:00.000	833148	Lucy	Cat	Domestic Shorthair		98116	2024-02-12 14:35:39.027	AqzwXP
23	2021-01-18 00:00:00.000	8025074	Ember	Cat	Domestic Medium Hair	Mix	98117	2024-02-12 14:35:39.027	AqzwXP
24	2021-01-23 00:00:00.000	S147201	Fergus	Cat	Maine Coon	Mix	98125	2024-02-12 14:35:39.027	AqzwXP
25	2021-01-27 00:00:00.000	8018982	Bones	Cat	Mix		98122	2024-02-12 14:35:39.027	AqzwXP
26	2021-02-03 00:00:00.000	8004418	Emme	Cat	Domestic Shorthair	Mix	98136	2024-02-12 14:35:39.027	AqzwXP
27	2021-02-16 00:00:00.000	833680	Coal	Cat	Domestic Shorthair		98115	2024-02-12 14:35:39.027	AqzwXP
28	2021-03-23 00:00:00.000	8016704	Pip	Cat	Domestic Medium Hair	Mix	98118	2024-02-12 14:35:39.027	AqzwXP
29	2021-03-31 00:00:00.000	8018252	Kekoa	Cat	American Shorthair	Mix	98112	2024-02-12 14:35:39.027	AqzwXP
30	2021-04-07 00:00:00.000	19048	Rudy	Cat	Domestic Shorthair		98103	2024-02-12 14:35:39.027	AqzwXP
31	2021-04-09 00:00:00.000	8004956	Custo	Cat	Domestic Shorthair	Mix	98117	2024-02-12 14:35:39.037	AqzwXP
32	2021-04-10 00:00:00.000	8015883	Edward	Cat	Domestic Shorthair	Mix	98103	2024-02-12 14:35:39.043	AqzwXP
33	2021-04-10 00:00:00.000	S145248	Honey	Cat	Domestic Medium Hair	Mix	98144	2024-02-12 14:35:39.043	AqzwXP
34	2021-04-26 00:00:00.000	S123490	Boots	Cat	Domestic Shorthair	Mix	98125	2024-02-12 14:35:39.043	AqzwXP

Query executed successfully. | localhost (15.0 RTM) | ansh (60) | SPL | 00:00:04 | 42,525 rows

## Count of Rows in the stage table

SQLQuery1.sql - loc...host.SPL (ansh (60))\*

```
SELECT COUNT(*) FROM SEATTLE_PET_LICENSE_STAGE_TABLE
```

98 %

Results Messages

	(No column name)
1	42525

# Seattle Pet License dimensional modeling - Part 1 (Staging data)

## Screenshot of Stage table Schema

SQLQuery1.sql - loc...host.SPL (ansh (60))\*

```
select * from INFORMATION_SCHEMA.COLUMNS
where TABLE_NAME='SEATTLE_PET_LICENSE_STAGE_TABLE'
```

98 %

Results Messages

	TABLE_CATALOG	TABLE_SCHEMA	TABLE_NAME	COLUMN_NAME	ORDINAL_POSITION	COLUMN_DEFAULT	IS_NULLABLE	DATA_TYPE	CHARACTER_MAXIMUM_L
1	SPL	dbo	seattle_pet_license_stage_table	License_Issue_Date	1	NULL	YES	datetime	NULL
2	SPL	dbo	seattle_pet_license_stage_table	License_Number	2	NULL	YES	varchar	100
3	SPL	dbo	seattle_pet_license_stage_table	Animal_s_Name	3	NULL	YES	varchar	100
4	SPL	dbo	seattle_pet_license_stage_table	Species	4	NULL	YES	varchar	100
5	SPL	dbo	seattle_pet_license_stage_table	Primary_Breed	5	NULL	YES	varchar	100
6	SPL	dbo	seattle_pet_license_stage_table	Secondary_Breed	6	NULL	YES	varchar	100
7	SPL	dbo	seattle_pet_license_stage_table	ZIP_Code	7	NULL	YES	int	NULL
8	SPL	dbo	seattle_pet_license_stage_table	DI_CreatedDate	8	NULL	YES	datetime	NULL
9	SPL	dbo	seattle_pet_license_stage_table	DI_ProcessID	9	NULL	YES	varchar	100