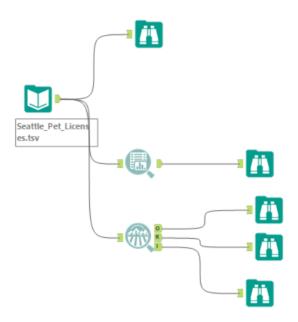
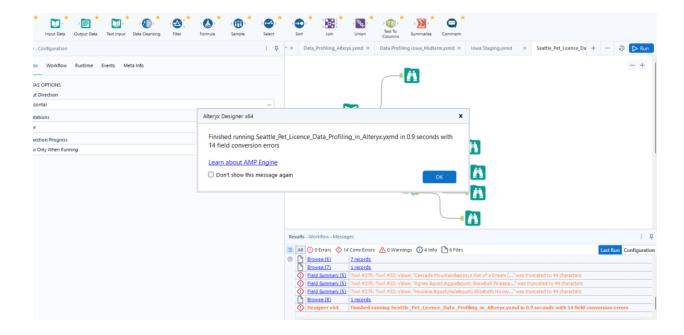
Seattle Pet License dimensional modeling and Loading via Talend - Workshop implementation

--By AMEY PARANGE

Alteryx Profiling workflow screenshot:





Observation:

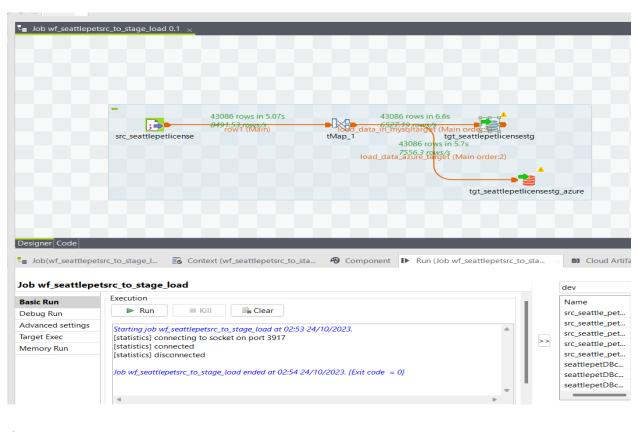
Name	Datatype	% missing	Unique values	Null values	Observation	Min Value	Max Value
License Issue Date	V_String	0	931	0.00%	Some values of this field have a small number of value counts. If Appropriate, consider combining some value levels together.	11	17
License Number	V_String	0.0%	42192	0	Some values of this field have a small number of	4	15

					value counts. If Appropriate, consider combining some value levels together.		
Animal's Name	V_String	0.07%	12696	0	Some values of this field have a small number of value counts. If Appropriate, consider combining some value levels together.	1	80
Species	V_String	0.0%	4	0	Some values of this field have a small number of value counts. If Appropriate, consider combining some value levels together.	3	4
Primary Breed	V_String	0.0%	237	0	Some values of this field have a small number of value counts. If Appropriate, consider combining some value levels together.	3	46
Secondary Breed	V_String	36.0%	259	0	This field has over 10% missing values. Consider imputing these values. Some values of this field have a small number of value counts. If Appropriate,	3	46

					consider combining some value levels together.		
Zip Code	V_String	0.3%	208	0	Some values of this field have a small number of value counts. If Appropriate, consider combining some value levels together.	3	5

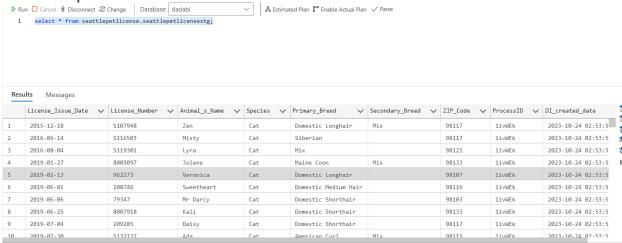
Talend Implementation

$wf_seattlepetsrc_to_stage_load$

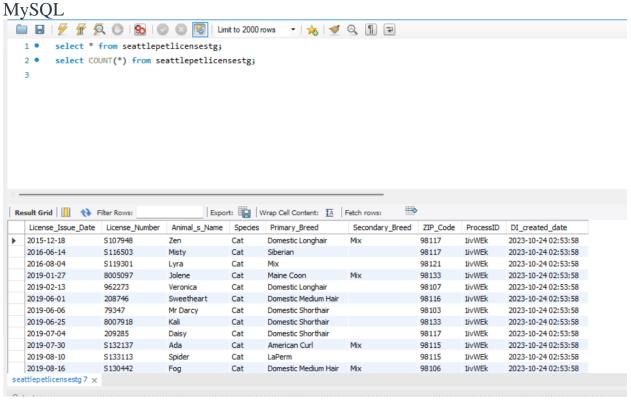


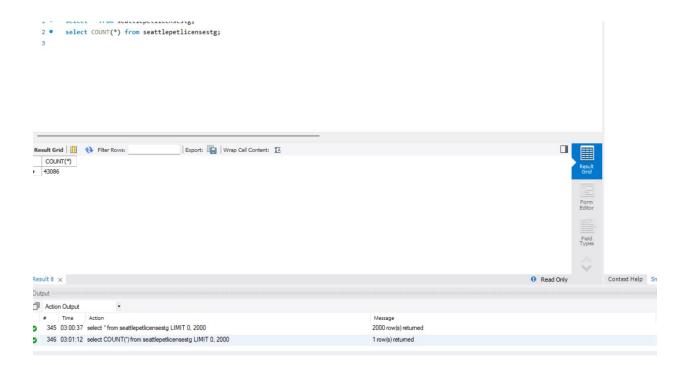
Azure output:

PROBLEMS **7** OUTPUT





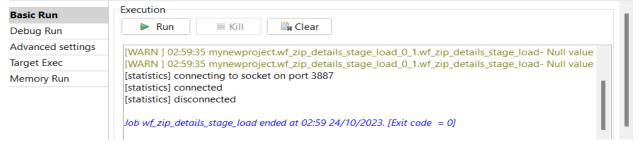




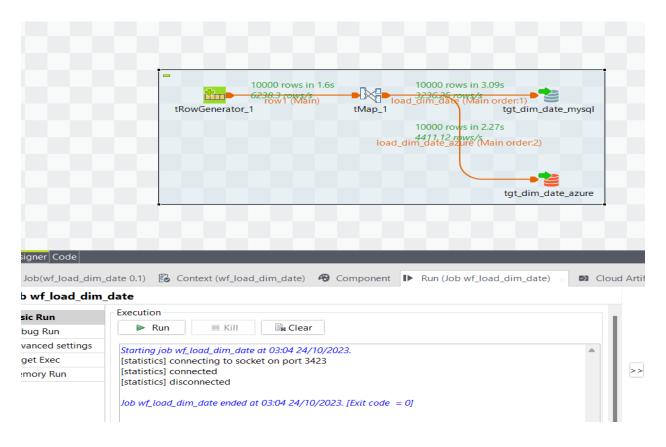
wf_zip_details_stage_load



Job wf_zip_details_stage_load

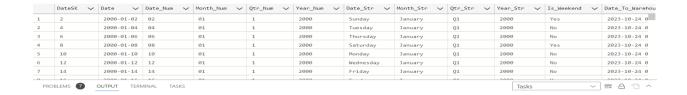


wf_load_dim_date



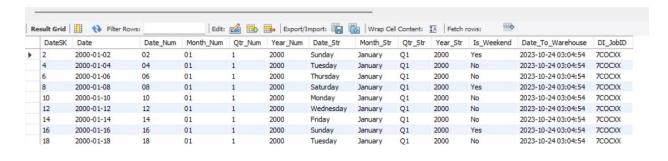
Azure:





MySQL



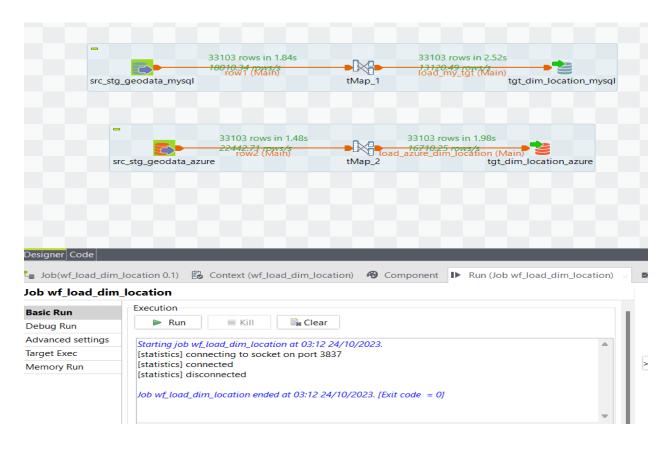


- 1 select * from dim_date;
- 2 select COUNT(*) from dim_date;

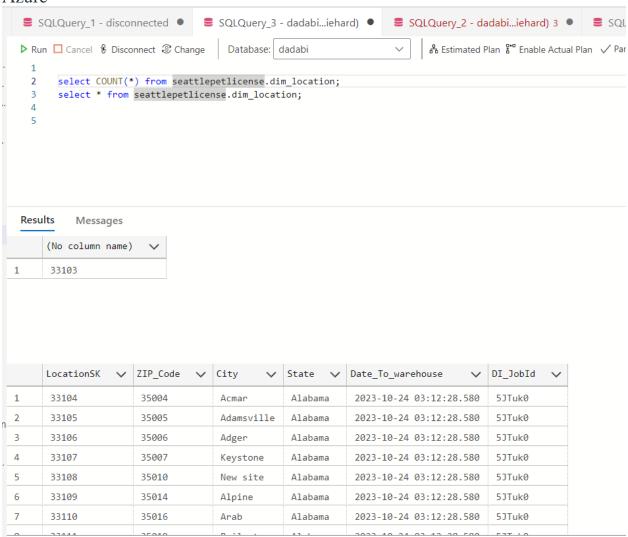
3



wf_load_dim_location



Azure



MySQL

2 • select COUNT(*) from dim_location;
3

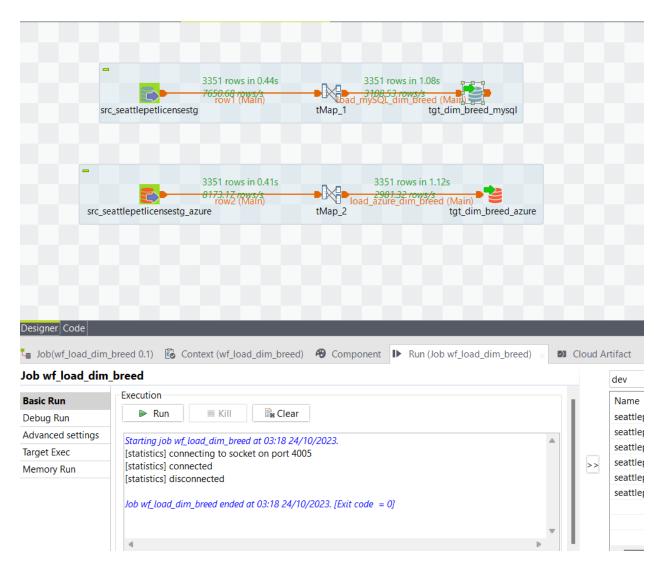


- 1 select * from dim_location;
- 2 select COUNT(*) from dim_location;

3

35004 35005	Acmar	Alabama	2023-10-24 03:12:26	5JTuk0						
35005	A .d			SJIUKU						
	Adamsville	Alabama	2023-10-24 03:12:26	5JTuk0						
35006	Adger	Alabama	2023-10-24 03:12:26	5JTuk0						
35007	Keystone	Alabama	2023-10-24 03:12:26	5JTuk0						
35010	New site	Alabama	2023-10-24 03:12:26	5JTuk0						
35014	Alpine	Alabama	2023-10-24 03:12:26	5JTuk0						
35016	Arab	Alabama	2023-10-24 03:12:26	5JTuk0						
35019	Baileyton	Alabama	2023-10-24 03:12:26	5JTuk0						
35020	Bessemer	Alabama	2023-10-24 03:12:26	5JTuk0						
35022	Zcta 35022	Alabama	2023-10-24 03:12:26	5JTuk0						
35023	Hueytown	Alabama	2023-10-24 03:12:26	5JTuk0						
35031	Blountsville	Alabama	2023-10-24 03:12:26	5JTuk0						
	35010 35014 35016 35019 35020 35022 35023	35010 New site 35014 Alpine 35016 Arab 35019 Baileyton 35020 Bessemer 35022 Zcta 35022 35023 Hueytown	35010 New site Alabama 35014 Alpine Alabama 35016 Arab Alabama 35019 Baileyton Alabama 35020 Bessemer Alabama 35022 Zcta 35022 Alabama 35023 Hueytown Alabama	35010 New site Alabama 2023-10-24 03:12:26 35014 Alpine Alabama 2023-10-24 03:12:26 35016 Arab Alabama 2023-10-24 03:12:26 35019 Baileyton Alabama 2023-10-24 03:12:26 35020 Bessemer Alabama 2023-10-24 03:12:26 35022 Zcta 35022 Alabama 2023-10-24 03:12:26 35023 Hueytown Alabama 2023-10-24 03:12:26	35010 New site Alabama 2023-10-24 03: 12: 26 5JTuk0 35014 Alpine Alabama 2023-10-24 03: 12: 26 5JTuk0 35016 Arab Alabama 2023-10-24 03: 12: 26 5JTuk0 35019 Baileyton Alabama 2023-10-24 03: 12: 26 5JTuk0 35020 Bessemer Alabama 2023-10-24 03: 12: 26 5JTuk0 35022 Zcta 35022 Alabama 2023-10-24 03: 12: 26 5JTuk0 35023 Hueytown Alabama 2023-10-24 03: 12: 26 5JTuk0	35010 New site Alabama 2023-10-24 03:12:26 5JTuk0 35014 Alpine Alabama 2023-10-24 03:12:26 5JTuk0 35016 Arab Alabama 2023-10-24 03:12:26 5JTuk0 35019 Baileyton Alabama 2023-10-24 03:12:26 5JTuk0 35020 Bessemer Alabama 2023-10-24 03:12:26 5JTuk0 35022 Zcta 35022 Alabama 2023-10-24 03:12:26 5JTuk0 35023 Hueytown Alabama 2023-10-24 03:12:26 5JTuk0	35010 New site Alabama 2023-10-24 03: 12: 26 5JTuk0 35014 Alpine Alabama 2023-10-24 03: 12: 26 5JTuk0 35016 Arab Alabama 2023-10-24 03: 12: 26 5JTuk0 35019 Baileyton Alabama 2023-10-24 03: 12: 26 5JTuk0 35020 Bessemer Alabama 2023-10-24 03: 12: 26 5JTuk0 35022 Zcta 35022 Alabama 2023-10-24 03: 12: 26 5JTuk0 35023 Hueytown Alabama 2023-10-24 03: 12: 26 5JTuk0	35010 New site Alabama 2023-10-24 03:12:26 5JTuk0 35014 Alpine Alabama 2023-10-24 03:12:26 5JTuk0 35016 Arab Alabama 2023-10-24 03:12:26 5JTuk0 35019 Baileyton Alabama 2023-10-24 03:12:26 5JTuk0 35020 Bessemer Alabama 2023-10-24 03:12:26 5JTuk0 35022 Zcta 35022 Alabama 2023-10-24 03:12:26 5JTuk0 35023 Hueytown Alabama 2023-10-24 03:12:26 5JTuk0	35010 New site Alabama 2023-10-24 03: 12: 26 5JTuk0 35014 Alpine Alabama 2023-10-24 03: 12: 26 5JTuk0 35016 Arab Alabama 2023-10-24 03: 12: 26 5JTuk0 35019 Baileyton Alabama 2023-10-24 03: 12: 26 5JTuk0 35020 Bessemer Alabama 2023-10-24 03: 12: 26 5JTuk0 35022 Zcta 35022 Alabama 2023-10-24 03: 12: 26 5JTuk0 35023 Hueytown Alabama 2023-10-24 03: 12: 26 5JTuk0	35010 New site Alabama 2023-10-24 03: 12: 26 5JTuk0 35014 Alpine Alabama 2023-10-24 03: 12: 26 5JTuk0 35016 Arab Alabama 2023-10-24 03: 12: 26 5JTuk0 35019 Baileyton Alabama 2023-10-24 03: 12: 26 5JTuk0 35020 Bessemer Alabama 2023-10-24 03: 12: 26 5JTuk0 35022 Zcta 35022 Alabama 2023-10-24 03: 12: 26 5JTuk0 35023 Hueytown Alabama 2023-10-24 03: 12: 26 5JTuk0

wf_load_dim_breed



select COUNT(*) from seattlepetlicense.dim_breed;
select * from seattlepetlicense.dim_breed;
4
5

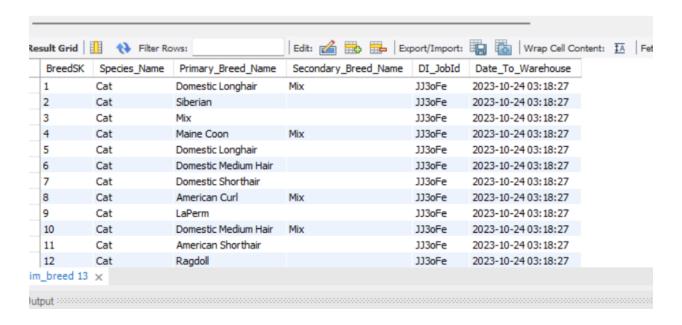
Results Messages

(No column name) 🗸 3351

BreedSK ✓	Species_Name 🗸	Primary_Breed_Name	Secondary_Breed_Name 🗸	DI_JobId 🗸	Date_To_Warehouse 🗸
3352	Dog	Bulldog, French	Spaniel, Cavalier King Charles	JJ3oFe	2023-10-24 03:18:28.330
3353	Dog	Spaniel, Tibetan		JJ3oFe	2023-10-24 03:18:28.330
3354	Dog	Akita	Collie, Smooth	JJ3oFe	2023-10-24 03:18:28.330
3355	Dog	Lhasa Apso	Poodle, Toy	JJ3oFe	2023-10-24 03:18:28.330
3356	Dog	Retriever	Poodle, Toy	JJ3oFe	2023-10-24 03:18:28.330
3357	Dog	Spaniel, Cavalier King Charles	Dachshund, Standard Long Haired	JJ3oFe	2023-10-24 03:18:28.330
3358	Dog	Anatolian Shepherd	Siberian Husky	JJ3oFe	2023-10-24 03:18:28.330
2250			D 13 W	222.6	2022 40 24 02 40 20 220

PROBLEMS 7 OUTPUT TERMINAL TASKS Tasks

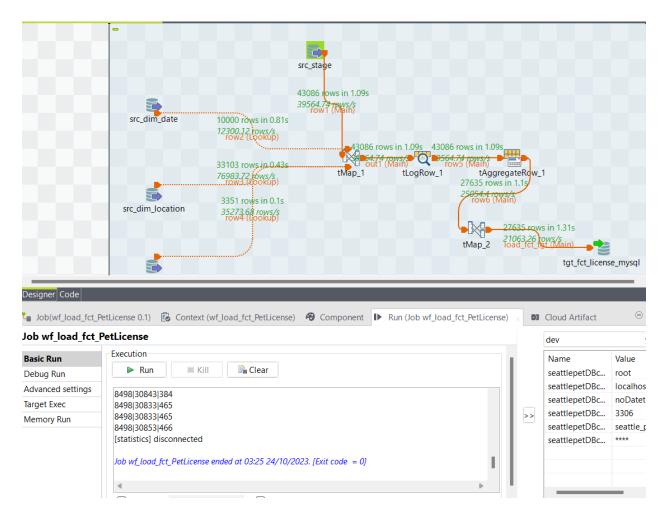
```
1 • select * from dim_breed;
2 • select COUNT(*) from dim_breed;
3
```



2 • select COUNT(*) from dim_breed;
3



wf_load_fct_PetLicense



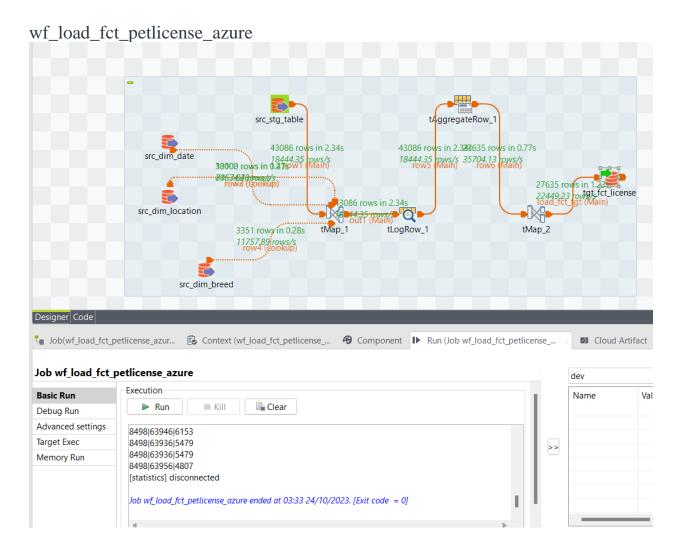
MySQL

1 • select * from fct_license;
2 • select COUNT(*) from fct_license;
3

esult Grid	₹≯ Filter F	tows:		Edit:	Export/Import	
LicensesSK	LocationSK	BreedSK	DateSK	No_of_License	Date_To_Warehouse	DI_JobID
1	30834	1854	7838	1	2023-10-24 03:25:49	WffUNs
2	30831	400	7976	1	2023-10-24 03:25:49	WffUNs
3	30840	312	8044	1	2023-10-24 03:25:49	WffUNs
4	30842	1020	8316	1	2023-10-24 03:25:49	WffUNs
5	30843	601	8180	1	2023-10-24 03:25:49	WffUNs
6	30840	338	8044	1	2023-10-24 03:25:49	WffUNs
7	30841	3174	8382	1	2023-10-24 03:25:49	WffUNs
8	30851	7	8044	1	2023-10-24 03:25:49	WffUNs
9	30831	432	7976	1	2023-10-24 03:25:49	WffUNs
10	30846	534	8180	1	2023-10-24 03:25:49	WffUNs
11	30842	670	8180	1	2023-10-24 03:25:49	WffUNs
12	30833	379	7976	1	2023-10-24 03:25:49	WffUNs

```
1 • select * from fct_license;
2 • select COUNT(*) from fct_license;
3
```





AzureDB

```
select COUNT(*) from seattlepetlicense.Fct_License;
select * from seattlepetlicense.Fct_License;

4
```

Resu	ılts Messages	
	(No column name)	~
1	27635	

	LicensesSK 🗸	LocationSK 🗸	BreedSK ✓	DateSK 🗸	No_of_License 🗸	Date_To_Warehouse 🗸	DI_JobID 🗸
1	1	63952	3580	8200	1	2023-10-24 03:33:10.377	3b0ftw
2	2	63964	4940	8130	1	2023-10-24 03:33:10.377	3bOftw
3	3	63945	3982	8268	1	2023-10-24 03:33:10.377	3bOftw
4	4	63945	4549	8472	1	2023-10-24 03:33:10.377	3bOftw
5	5	63940	4942	7858	1	2023-10-24 03:33:10.377	3bOftw
6	6	63940	4940	7858	2	2023-10-24 03:33:10.377	3bOftw
7	7	63950	5573	8198	1	2023-10-24 03:33:10.377	3bOftw
		63040	4705	0470		2022 40 24 02 22 40 277	21.05

PROBLEMS 7 OUTPUT TERMINAL TASKS