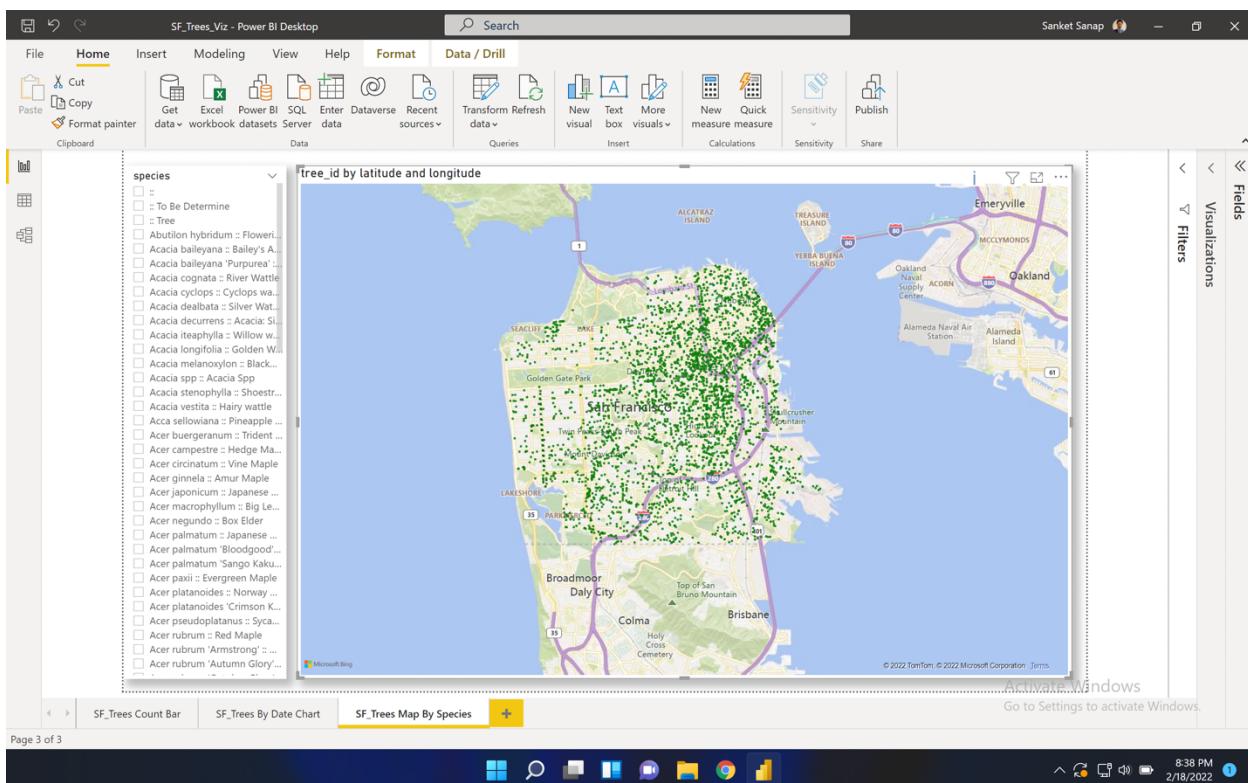
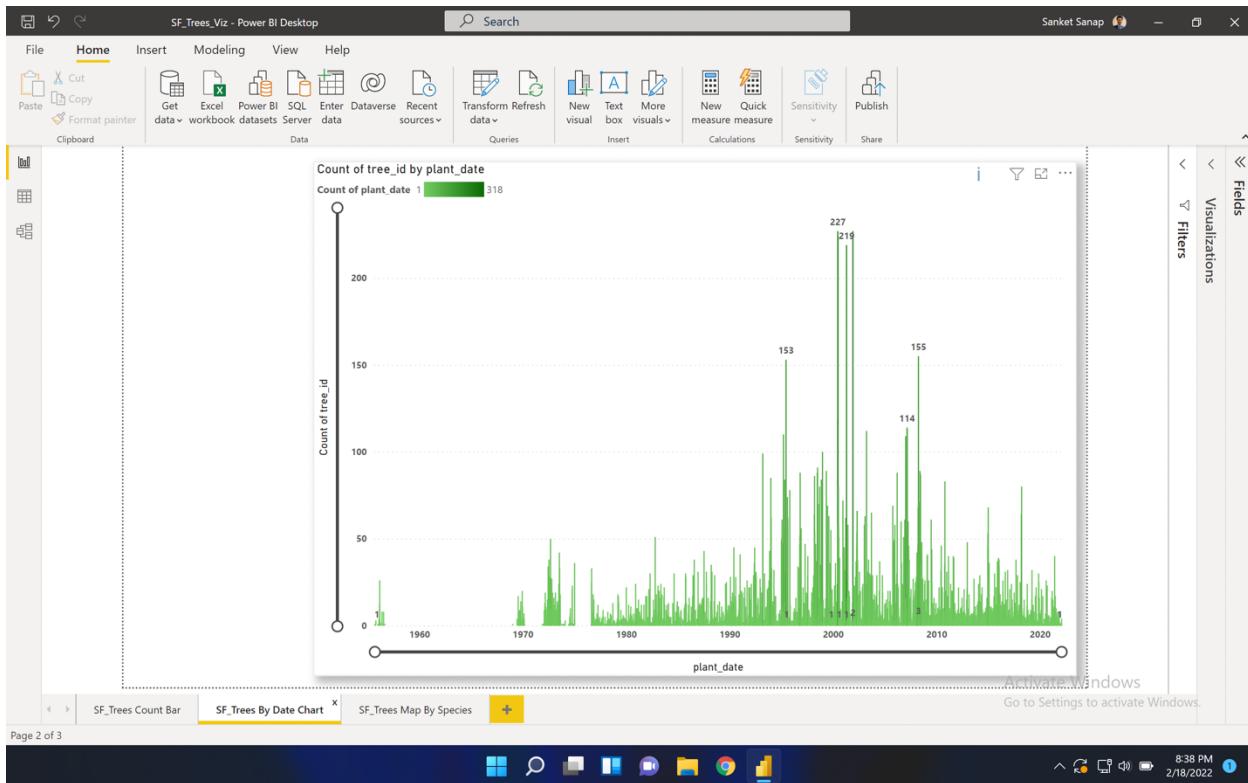
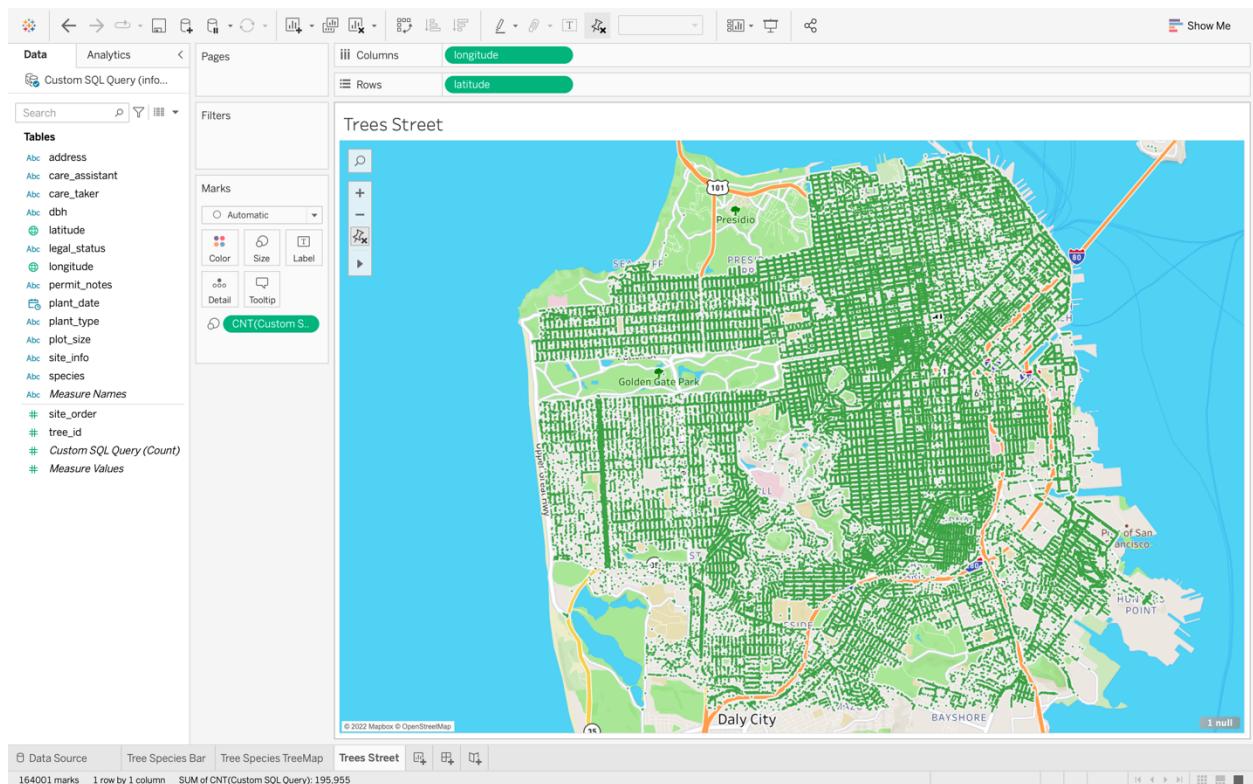
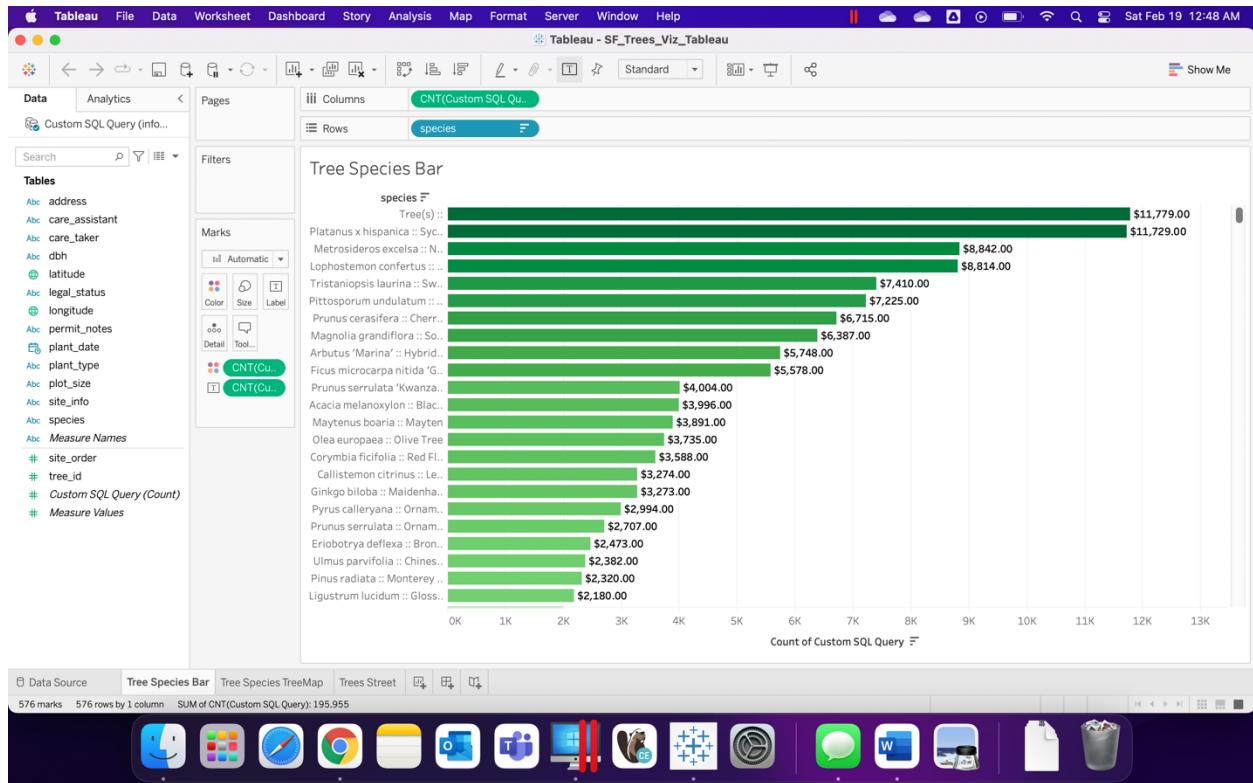


## PowerBI:



## Tableau:



## DBwear:

The screenshot shows the DBwear application interface. On the left, the Database Navigator pane lists various database connections, including AdventureWorksDW, Azure SQL Server, durable-limiter-341522, mysql, and postgres. The main workspace displays a SQL query in the top half and its results in the bottom half.

**SQL Editor:**

```
SELECT tree_id,
       legal_status,
       species,
       address,
       site_order,
       site_info,
       plant_type,
       care_taker,
       care_assistant,
       plant_date,
       dbh,
       plot_size,
       permit_notes,
       latitude,
       longitude
  FROM durable-limiter-341522.info7370.sf_trees;
```

**Results Grid:**

tree_id	legal_status	species	address	site_order	site_info	plant_type	care_taker	care_assistant
1	44,866	Permitted Site	Tree(s) :: [NULL]	25	Sidewalk: Curb side : Cutout	Tree	Private	[NULL]
2	34,921	Permitted Site	Tree(s) :: [NULL]	1	Sidewalk: Curb side : Cutout	Tree	Private	[NULL]
3	45,916	Permitted Site	Tree(s) :: [NULL]	51	Sidewalk: Curb side : Cutout	Tree	Private	[NULL]
4	97,355	Permitted Site	Tree(s) :: [NULL]	5	Unaccepted Street : Yard	Tree	Private	[NULL]
5	33,929	Permitted Site	Tree(s) :: [NULL]	4	Sidewalk: Curb side : Cutout	Tree	Private	[NULL]
6	44,680	Permitted Site	Tree(s) :: [NULL]	100	Sidewalk: Curb side : Cutout	Tree	Private	[NULL]
7	46,071	Permitted Site	Tree(s) :: [NULL]	1	Sidewalk: Curb side : Cutout	Tree	Private	[NULL]
8	44,989	Permitted Site	Tree(s) :: [NULL]	83	Sidewalk: Curb side : Cutout	Tree	Private	[NULL]
9	44,973	Permitted Site	Tree(s) :: [NULL]	45	Sidewalk: Curb side : Cutout	Tree	Private	[NULL]
10	34,903	Permitted Site	Magnolia grandi [NULL]	4	Sidewalk: Curb side : Cutout	Tree	Private	[NULL]
11	44,943	Permitted Site	Tree(s) :: [NULL]	176	Sidewalk: Curb side : Cutout	Tree	Private	[NULL]

## Alteryx:

Alteryx Designer x64 - SF\_Trees\_Alteryx\_Assignment.ymd

Select (14) - Configuration

New Workflow1\* | SF\_Trees\_Alteryx\_Assignment.ymd | SF\_Trees\_Load\_Google\_Alteryx\_Assignment.ymd\*

Click here for options ▾

Options ▾ TIP: To reorder multiple rows:

Field Type Size

- TreeID Int32 4
- qLegalStatus V\_String 31
- qSpecies V\_String 81
- qAddress V\_String 40
- SiteOrder Int16 2
- qSiteInfo V\_String 33
- PlantType V\_String 11
- qCareTaker V\_String 23
- qCareAssistant V\_String 22
- PlantDate String 22
- DBH Int16 2
- PlotSize V\_String 23
- PermitNotes V\_String 150
- XCoord V\_String 18
- YCoord V\_String 18
- Latitude String 18
- Longitude String 19
- Location String 41
- Fire Prevention Districts Byte 1
- Police Districts Byte 1
- Supervisor Districts Byte 1
- Zip Codes Int16 2
- Neighborhoods (old) Byte 1
- envelope1 V\_String 40

Use commas as decimal separators (String/Numeric)

Results - Select (14) - Output

25 of 25 Fields | Cell Viewer | \* 3,314 of 195,955 records displayed(partial results) | Actions 000

Record	TreeID	qLegalStatus	qSpecies	qAddress	SiteOrder	qSiteInfo	PlantType
1	121399	DPW Maintained	Corymbia ficifolia : Red Flowering Gum	349X Cargo Way	1	Sidewalk: Curb side : Cutout	Tree
2	46536	Permitted Site	Trees(s):	73 Summer St	2	Sidewalk: Curb side : Cutout	Tree
3	251210	DPW Maintained	Eucalyptus polyanthemos : Silver Dollar Eucalyptus	1170 Ingalls St	2	Sidewalk: Curb side : Cutout	Tree
4	254457	Significant Tree	Dodonaea viscosa : Hop Bush	105SX Duncan St	2	Side Yard : Yard	Tree
5	255073	Private	Trees(s):	173R Glenview Dr	[null]	Back Yard : Yard	Tree
6	255131	DPW Maintained	Corymbia ficifolia : Red Flowering Gum	401X Brotherhood Way	9	Sidewalk: Property side : Yard	Tree
7	255229	DPW Maintained	Lophostemon confertus : Brisbane Box	300X Goettingen St	4	Sidewalk: Curb side : Cutout	Tree
8	253031	DPW Maintained	:	699X Polk St	5	Sidewalk: Curb side : Cutout	Tree
9	251438	DPW Maintained	Cupressus macrocarpa : Monterey Cypress	2501X Santiago St	1	Median : Yard	Tree

Activate Windows  
Go to Settings to activate Windows.

12:41 AM 2/19/2022

Alteryx Designer x64 - SF\_Trees\_Load\_Google\_Alteryx\_Assignment.ymd\*

Google BigQuery Output (5) - Configuration

New Workflow1\* | SF\_Trees\_Alteryx\_Assignment.ymd | SF\_Trees\_Load\_Google\_Alteryx\_Assignment.ymd\*

Click here for options ▾

Big Query Table Output Config

durable-limiter-341522:info7370.street\_trees\_b

Change selected table

Select table output mode

Overwrite Table (Drop)

Insert batch size

500

Previous

Results - Google BigQuery Output (5) - Messages

All 0 Errors 0 Conv Errors 0 Warnings 0 Messages 0 Files

Last Run Configuration

Activate Windows  
Go to Settings to activate Windows.

12:40 AM 2/19/2022

GCP:

The screenshot shows the Google Cloud Platform interface for a BigQuery workspace. The left sidebar displays pinned projects, including 'durable-limiter-341522', 'info7370' (selected), and 'bigquery-public-data'. The main area shows the 'sf\_trees\_uploaded' table details. The table ID is 'durable-limiter-341522:info7370.sf\_trees\_uploaded'. The table size is 39.19 MB, and it contains 195,940 rows. It was created and last modified on Feb 18, 2022, at 2:15:23 PM UTC-5. The table has a 'NEVER' expiration policy and is located in the US. A 'COMPOSE NEW QUERY' button is visible at the top right.

The screenshot shows the Google Cloud Platform interface for a BigQuery workspace. The left sidebar displays pinned projects, including 'durable-limiter-341522', 'info7370' (selected), and 'bigquery-public-data'. The main area shows the 'street\_trees\_altyrx\_demo' table details. The table ID is 'durable-limiter-341522:info7370.street\_trees\_altyrx\_demo'. The table size is 39.19 MB, and it contains 118,000 rows. It was created and last modified on Feb 18, 2022, at 2:15:23 PM UTC-5. The table has a 'NEVER' expiration policy and is located in the US. A user profile overlay for 'Sanket Sanap' (sanketsanap5@gmail.com) is shown on the right, with options to 'Add account' and 'Sign out'. The table data preview shows columns: Row, TreeID, qLegalStatus, qSpecies, qAddress, qAddress2, qCity, qState, qZip, qLat, qLon, and qElev. The data includes various tree entries such as Corymbia ficifolia, Eucalyptus polyanthemos, Dodonaea viscosa, etc., across different locations like Ingalls St, Duncan St, Glenview Dr, etc.