

## Sanket Sanap: SF Film Locations Preparation Assignment

Alteryx : File

Alteryx Designer x64 - SF\_Film\_Locations\_File.ymd

Browse (2) - Configuration | Start Here.ymd | SF\_Film\_Locations\_File.ymd | SF\_Film\_Locations\_BigQuery.ymd | New Workflow2 | +

1.976 records displayed, 203 KB

Title

Release Year

Locations

Record | Title | Release Year | Locations | Fun Facts | Production Company | Distributor

1 A Jitney Elopement | 1915 | 20th and Folsom Streets | [Null] | The Essanay Film Manufacturing Company | General F |

2 A Jitney Elopement | 1915 | Golden Gate Park | During San Francisco's Gold Rush era, the Park w... | The Essanay Film Manufacturing Company | General F |

3 Greed | 1924 | Cliff House (1090 Point Lobos Avenue) | In 1887, the Cliff House was severely damaged w... | Metro-Goldwyn-Mayer (MGM) | Metro-G |

4 Greed | 1924 | Bush and Sutter Streets | [Null] | Metro-Goldwyn-Mayer (MGM) | Metro-G |

5 Greed | 1924 | Hayes Street at Laguna | [Null] | Metro-Goldwyn-Mayer (MGM) | Metro-G |

6 The Jazz Singer | 1927 | Coffee Dan's (O'Farrell Street at Powell) | [Null] | Warner Bros. Pictures | Warner I |

7 Barbary Coast | 1935 | [Null] | [Null] | The Samuel Goldwyn Company | United J |

8 After the Thin Man | 1936 | Coit Tower | The Tower was funded by a gift bequeathed by Li... | Metro-Goldwyn Mayer | Metro-G |

9 San Francisco | 1936 | The Barbary Coast | The Barbary Coast was a red-light district that wa... | Metro-Goldwyn Mayer | Metro-G |

10 San Francisco | 1936 | City Hall | The dome of SF's City Hall is almost a foot taller... | Metro-Goldwyn Mayer | Metro-G |

11 Alexander Dantini Band | 1928 | Cliff House (1090 Point Lobos Avenue) | In 1887 the Cliff House was severely damaged w... | Twentieth Century Fox Film Corporation | Twentieth

Alteryx: BigQuery

Alteryx Designer x64 - SF\_Film\_Locations\_BigQuery.ymd

Browse (2) - Configuration | Start Here.ymd | SF\_Film\_Locations\_File.ymd | SF\_Film\_Locations\_BigQuery.ymd | New Workflow2 | +

1.976 records displayed, 199 KB

Title

release\_year

locations

Record | title | release\_year | locations | fun\_facts | production\_company | distributor

1 A Jitney Elopement | 1915 | 20th and Folsom Streets | [Null] | The Essanay Film Manufacturing Company | General F |

2 A Jitney Elopement | 1915 | Golden Gate Park | During San Francisco's Gold Rush era, the Park w... | The Essanay Film Manufacturing Company | General F |

3 After the Thin Man | 1936 | Coit Tower | The Tower was funded by a gift bequeathed by Li... | Metro-Goldwyn Mayer | Metro-Gc |

4 San Francisco | 1936 | The Barbary Coast | The Barbary Coast was a red-light district that wa... | Metro-Goldwyn Mayer | Metro-Gc |

5 San Francisco | 1936 | City Hall | The dome of SF's City Hall is almost a foot taller... | Metro-Goldwyn Mayer | Metro-Gc |

6 Shadow of the Thin Man | 1941 | Bay Bridge | Before opening in 1936, the bridge was blessed... | Metro-Goldwyn Mayer | Metro-Gc |

7 I Remember Mama | 1948 | Fairmont Hotel (950 Mason Street, Nob Hill) | In 1945 the Fairmont hosted the United Nations... | RKO Radio Pictures | RKO Radi |

8 I Remember Mama | 1948 | The Ferry Building | Every hour and half-hour, the clock bell atop the... | RKO Radio Pictures | RKO Radi |

9 I Remember Mama | 1948 | Grant Avenue (North Beach) | [Null] | RKO Radio Pictures | RKO Radi |

10 Sudden Fear | 1952 | Lombard Street | Lombard Street is not actually the most crooked ... | Joseph Kaufmann Pictures | Joseph Kaufmann Pictures |

11 Citizen Kane | 1941 | The Talmadge Building (1221 Greenwich Street at ... | [Null] | Inrahan Kaufmann Pictures | Inrahan Kaufmann Pictures |

## Power BI: Odata

The screenshot shows the Power BI Power Query Editor interface. The title bar reads "SF\_Film\_Locations - Power Query Editor". The ribbon menu includes File, Home, Transform, Add Column, View, Tools, Help, Data source settings, Manage Parameters, Refresh Preview, Advanced Editor, Properties, Choose Columns, Remove Columns, Keep Rows, Remove Rows, Sort, Split Column, Group By, Use First Row as Headers, Transform, Merge Queries, Append Queries, Combine Files, Text Analytics, Vision, Azure Machine Learning, and AI Insights.

The main area displays a table with 12 columns and 199+ rows. The columns are labeled: #, \_id, release\_year, production\_company, distributor, writer, title, director, genre, runtime, rating, and plot. The data is from an OData feed at <https://data.sfgov.org/api/odata/v4/yitu-dsam>. A preview window shows the first few rows of the data.

On the right side, there is a "Query Settings" pane with sections for "PROPERTIES" (Name: sf\_Film\_Locations\_OData) and "APPLIED STEPS" (Source). Below the pane, a status bar indicates "PREVIEW DOWNLOADED ON WEDNESDAY 5/24/2022 5:02 PM".

## Power BI: TSV File

The screenshot shows the Power BI Power Query Editor interface. The title bar reads "SF\_Film\_Locations - Power Query Editor". The ribbon menu is identical to the previous screenshot.

The main area displays a table with 11 columns and 999+ rows. The columns are labeled: Title, Release Year, Locations, and Fun Facts. The data is from a TSV file. A preview window shows the first few rows of the data.

On the right side, there is a "Query Settings" pane with sections for "PROPERTIES" (Name: Film\_Locations\_in\_San\_Francisco) and "APPLIED STEPS" (Source, Promoted Headers, Changed Type). Below the pane, a status bar indicates "PREVIEW DOWNLOADED AT 4:59 PM 3/24/2022 5:03 PM".

## Power BI: BigQuery

SF\_Film\_Locations - Power Query Editor

**File** Home Transform Add Column View Tools Help

Close & Apply New Recent Enter Data source settings Manage Parameters Refresh Preview Advanced Editor Properties Choose Columns Remove Columns Keep Rows Remove Rows Split Column Group By Data Type: Text Use First Row as Headers Merge Queries Append Queries Text Analytics Vision Combine Files Azure Machine Learning Combine AI Insights

Queries [3]

SF\_Film\_Locations\_OData  
SF\_Film\_Locations\_BigQuery  
Film\_Locations\_in\_San\_Francisco

info@370\_Schema{[Name="SF\_Film\_Locations",Kind="Table"]}{data}

#	title	release_year	locations
1	A Jitney Elopement	1915	20th and Folsom Streets
2	A Jitney Elopement	1915	Golden Gate Park
3	After the Thin Man	1936	Colt Tower
4	San Francisco	1936	The Barbary Coast
5	San Francisco	1936	City Hall
6	Shadow of the Thin Man	1941	Bay Bridge
7	I Remember Mama	1948	Fairmont Hotel (950 Mason Street, Nob Hill)
8	I Remember Mama	1948	The Ferry Building
9	I Remember Mama	1948	Grant Avenue (North Beach)
10	Sudden Fear	1952	Lombard Street
11	Sudden Fear	1952	The Tamaipais Building (1201 Greenwich Street at Hyde)
12	Sudden Fear	1952	Brocklebank Apartments (1000 Mason Street)
13	Sudden Fear	1952	2800 Scott Street
14	Pleasure of His Company	1961	2700 Vallejo Street (Pacific Heights)
15	Point Blank	1967	Fort Point (Presidio, Golden Gate National Recreation Area)
16	Point Blank	1967	Alcatraz Island
17	The Graduate	1967	San Francisco Zoo (2701 Sloat Blvd.)
18	The Graduate	1967	Bay Bridge
19	Petulia	1968	Japanese Tea Garden, Hagiwara Tea Garden Drive, Golden Gate Park
20	Petulia	1968	Fairmont Hotel (950 Mason Street, Nob Hill)
21	Petulia	1968	Pier 43 1/2
22	Petulia	1968	Cala Foods (California Street and Hyde)
23	Petulia	1968	307 Filbert Street
24	Petulia	1968	2417 Franklin Street
25	Petulia	1968	Fort Point (Presidio, Golden Gate National Recreation Area)
26	Psych-Out	1968	null
27	The Love Bug	1968	Golden Gate Bridge
28	The Love Bug	1968	100 Block of Lombard Street
29	Take the Money and Run	1969	Mission Street

11 COLUMNS, 999+ ROWS Column profiling based on top 1000 rows

Query Settings

**PROPERTIES**  
Name: SF\_Film\_Locations\_BigQuery  
All Properties

**APPLIED STEPS**  
Source Navigation

PREVIEW DOWNLOADED ON WEDNESDAY

5:03 PM 3/24/2022

## Tableau: BigQuery

The screenshot shows the Tableau desktop application interface. On the left, the navigation pane includes 'Connections' (BigQuery, Google BigQuery), 'Billing Project' (My First Project), 'Project' (publicdata), 'Dataset' (samples), 'Table' (github\_nested, github\_timeline, gsd, natality, shakespeare, trigrams, wikipedia), and various 'New' options. The main workspace displays a 'Custom SQL Query' editor with the following SQL code:

```

SELECT
    title,
    release_year,
    locations,
    fun_facts,
    production_company,
    distributor,
    director,
    writer,
    actor_1,
    actor_2,
    actor_3
FROM `bigquery-public-data`.san_francisco_film_locations.film_locations
  
```

Below the editor is a preview pane showing 11 fields and 1976 rows of data. The preview table includes columns: Name, title, release\_year, locations, fun\_facts, and prod. The data shows various film titles and their details.

## Tableau: TSV File

The screenshot shows the Tableau desktop application interface. On the left, the navigation pane includes 'Connections' (Film\_Locations\_in\_San\_Francisco (Text file)), 'Files' (Use Data Interpreter checked, Film\_Location...Francisco.tsv), and 'New Union'. The main workspace displays a connection named 'Film\_Locations\_in\_San\_Fr...' with the following connection details:

- Connection: Extract (checked)
- Extract includes all data. 3/23/2022 7:34:02 PM
- Filters: 0 | Add

The preview pane shows 11 fields and 1976 rows of data from the 'Film\_Locations\_in\_San\_Francisco.tsv' file. The preview table includes columns: Name, Title, Release Year, Locations, Fun Facts, and Prod. The data shows various film titles and their details.

## Tableau: OData

Connections

Connected to OData

Table

yitu-d5am

Connection  
Live Extract Edit Refresh  
Extract Required. 3/23/2022 7:28:48 PM

yitu-d5am

Need more data?  
Drag tables here to relate them. [Learn more](#)

Fields

Type	Field Name	Physical Table	Remote Field Name
Abc	_Id	yitu-d5am	_id
Abc	Title	yitu-d5am	title
Abc	Actor 2	yitu-d5am	actor_2
Abc	Writer	yitu-d5am	writer
Abc	Actor 3	yitu-d5am	actor_3
Abc	Actor 1	yitu-d5am	actor_1
Abc	Director	yitu-d5am	director
Abc	Distributor	yitu-d5am	distributor
Abc	Production Company	yitu-d5am	production_company

Data Source Sheet 1

## DBeaver:

The screenshot shows the DBeaver interface with the SF\_Film\_Locations table selected. The table has 200 rows. Key columns include:

- title**: A list of various locations such as "A Jitney Elopement", "Golden Gate National Recreational Area", "The Barbary Coast", etc.
- fun\_facts**: Descriptions of the locations, e.g., "Lombard Street is not actually the most crooked in the world" or "Alcatraz Island was a military fort before it became a prison".
- production\_company**: Studios involved in the production, like "Joseph Kaufmann Pictures", "Metro-Goldwyn Mayer", "Embassy Pictures Corporation", etc.
- distributor**: Distribution companies, including "RKO Pictures", "Parmaount Pictures", "American International Pictures (AIP)", etc.

## GCP Bucket: SF\_Film\_Location

The screenshot shows the Google Cloud Platform BigQuery interface with the SF\_Film\_Locations table selected. The table has 200 rows. Key columns include:

- title**: A list of various locations such as "A Jitney Elopement", "Golden Gate Park", "Coit Tower", etc.
- release\_year**: The year the film was released, ranging from 1915 to 1952.
- locations**: Descriptions of the locations, e.g., "20th and Folsom Streets", "The Barbary Coast", "City Hall", etc.

A sidebar on the left shows pinned projects, and a right-hand panel displays a preview of the first few rows with detailed descriptions.

## Talend: TSV File

The screenshot shows the Talend Studio interface with the following details:

- Repository View:** Shows the project structure under LOCAL: SF\_Film\_Location, including Job Designs (Standard) and Joblet Designs.
- Job Design View:** Displays the flow of the job "Job\_SF\_Film\_Locations\_File 1.0". The flow consists of:
  - tFileInputDelimited (sf\_film\_locations.tsv\_metadata)
  - tMap\_1 (with statistics: 1976 rows in 0.66s, 3012.2 rows/s)
  - tLogRow\_1 (with statistics: 1976 rows in 1.53s, 1290.66 rows/s)
- Job Execution View:** Shows the execution results for "Job\_SF\_Film\_Locations\_File 1.0". The output table contains the following data:

title	year	address
The Matrix Resurrections	2021	Pine between Front and Montgomery
The Matrix Resurrections	2021	150 California
The Matrix Resurrections	2021	Pine and Grant Ave
The Matrix Resurrections	2021	Sansome, Sacramento, and California
The Matrix Resurrections	2021	155 California

## Talend: BigQuery

The screenshot shows the Talend Studio interface with the following details:

- Repository View:** Shows the project structure under LOCAL: SF\_Film\_Location, including Job Designs (Standard) and Joblet Designs.
- Job Design View:** Displays the flow of the job "Job\_SF\_Film\_Locations\_BigQuery 1.0". The flow consists of:
  - tBQInput (sf\_film\_locations)
  - tMap\_1 (with statistics: 1976 rows in 6.55s, 301.86 rows/s)
  - tLogRow\_1 (with statistics: 1976 rows in 7.38s, 267.93 rows/s)
- Job Execution View:** Shows the execution results for "Job\_SF\_Film\_Locations\_BigQuery 1.0". The output table contains the following data:

title	year	address
Venom	2018	California St at Montgomery St
Venom	2018	Larkin St bwn Post and Geary
Venom	2018	Financial District
Venom	2018	Potrero Hill, Rhode Island bwn 15th and 16th
Venom	2018	Epic Steakhouse, 369 Embarcadero