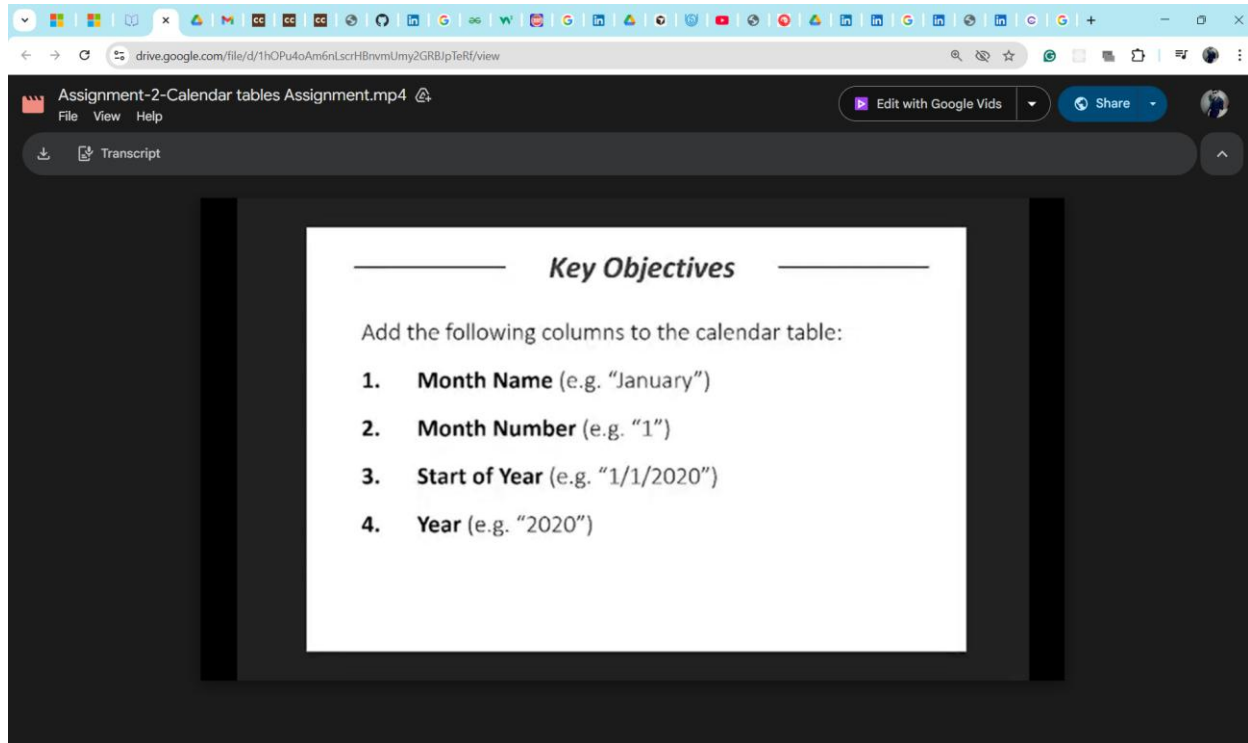


Task 2



Assignment-2-Calendar tables Assignment.mp4

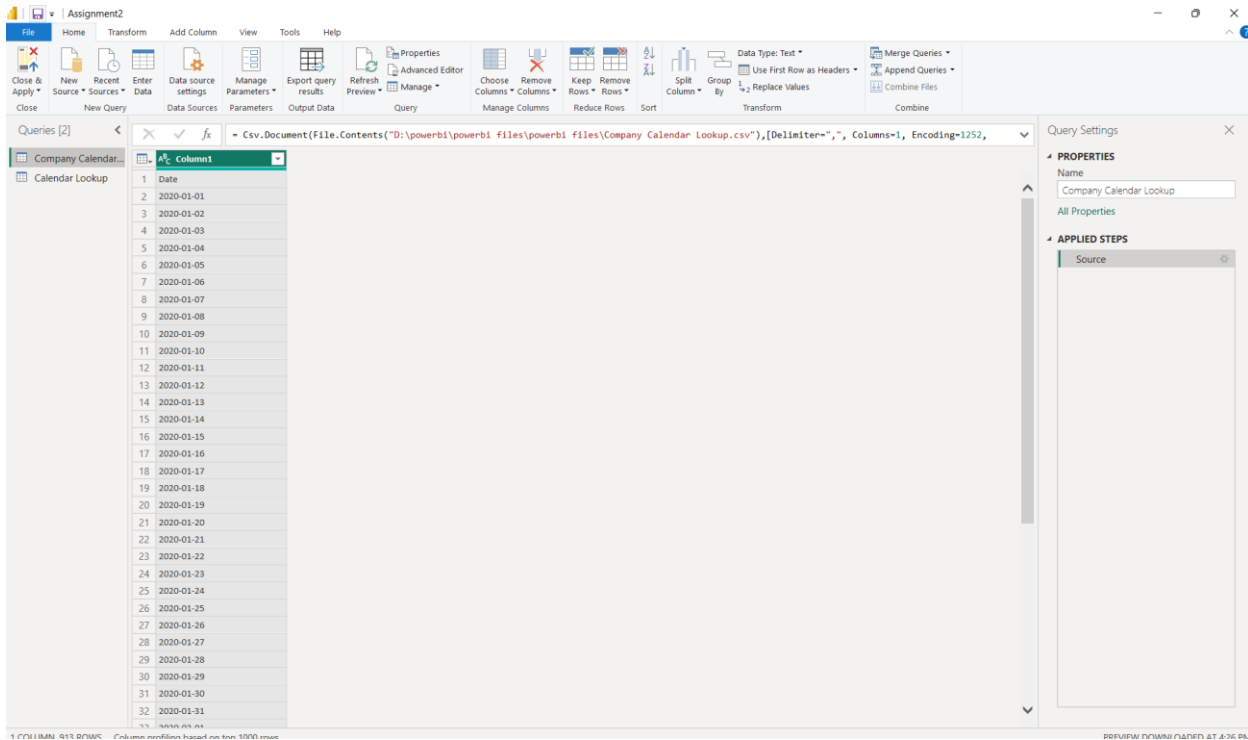
File View Help

Transcript

Key Objectives

Add the following columns to the calendar table:

1. **Month Name** (e.g. "January")
2. **Month Number** (e.g. "1")
3. **Start of Year** (e.g. "1/1/2020")
4. **Year** (e.g. "2020")



Assignment2

File Home Transform Add Column View Tools Help

Close & Apply * New Source * Recent Sources * Enter Data * Data source settings * Manage Parameters * Export query results * Refresh Preview * Advanced Editor * Choose * Remove Columns * Columns * Keep * Remove Rows * Rows * Split Column * Group By * Data Type: Text * Merge Queries * Append Queries * Combine Files * Combine

Queries [2] Company Calendar... Calendar Lookup

Column1
1 Date
2 2020-01-01
3 2020-01-02
4 2020-01-03
5 2020-01-04
6 2020-01-05
7 2020-01-06
8 2020-01-07
9 2020-01-08
10 2020-01-09
11 2020-01-10
12 2020-01-11
13 2020-01-12
14 2020-01-13
15 2020-01-14
16 2020-01-15
17 2020-01-16
18 2020-01-17
19 2020-01-18
20 2020-01-19
21 2020-01-20
22 2020-01-21
23 2020-01-22
24 2020-01-23
25 2020-01-24
26 2020-01-25
27 2020-01-26
28 2020-01-27
29 2020-01-28
30 2020-01-29
31 2020-01-30
32 2020-01-31

Query Settings

NAME: Company Calendar Lookup

APPLIED STEPS: Source

1 COLUMN 1: 315 ROWS Columns modified based on row 1000 max REFRESH FROM CLOUD AT 4:56 PM

Task 2

The screenshot shows the Power Query Editor interface. The main area displays a table with 32 rows and 6 columns. The columns are: Date, Year, Start of Month, Start of Week, Month Name, and Start of Year. The data represents a calendar for the year 2020, starting from January 1st and ending on February 1st. The formula bar at the top shows the query definition: `= Table.AddColumn(#"Inserted Start of Year", "Year.1", each Date.Year([Date]), Int64.Type)`. The right-hand pane shows the 'Query Settings' for 'Calendar Lookup', including the 'APPLIED STEPS' list.

	Date	Year	Start of Month	Start of Week	Month Name	Start of Year
1	1/1/2020	2020	1/1/2020	12/29/2019	January	1
2	1/2/2020	2020	1/1/2020	12/29/2019	January	1
3	1/3/2020	2020	1/1/2020	12/29/2019	January	1
4	1/4/2020	2020	1/1/2020	12/29/2019	January	1
5	1/5/2020	2020	1/1/2020	1/5/2020	January	1
6	1/6/2020	2020	1/1/2020	1/5/2020	January	1
7	1/7/2020	2020	1/1/2020	1/5/2020	January	1
8	1/8/2020	2020	1/1/2020	1/5/2020	January	1
9	1/9/2020	2020	1/1/2020	1/5/2020	January	1
10	1/10/2020	2020	1/1/2020	1/5/2020	January	1
11	1/11/2020	2020	1/1/2020	1/5/2020	January	1
12	1/12/2020	2020	1/1/2020	1/12/2020	January	1
13	1/13/2020	2020	1/1/2020	1/12/2020	January	1
14	1/14/2020	2020	1/1/2020	1/12/2020	January	1
15	1/15/2020	2020	1/1/2020	1/12/2020	January	1
16	1/16/2020	2020	1/1/2020	1/12/2020	January	1
17	1/17/2020	2020	1/1/2020	1/12/2020	January	1
18	1/18/2020	2020	1/1/2020	1/12/2020	January	1
19	1/19/2020	2020	1/1/2020	1/19/2020	January	1
20	1/20/2020	2020	1/1/2020	1/19/2020	January	1
21	1/21/2020	2020	1/1/2020	1/19/2020	January	1
22	1/22/2020	2020	1/1/2020	1/19/2020	January	1
23	1/23/2020	2020	1/1/2020	1/19/2020	January	1
24	1/24/2020	2020	1/1/2020	1/19/2020	January	1
25	1/25/2020	2020	1/1/2020	1/19/2020	January	1
26	1/26/2020	2020	1/1/2020	1/26/2020	January	1
27	1/27/2020	2020	1/1/2020	1/26/2020	January	1
28	1/28/2020	2020	1/1/2020	1/26/2020	January	1
29	1/29/2020	2020	1/1/2020	1/26/2020	January	1
30	1/30/2020	2020	1/1/2020	1/26/2020	January	1
31	1/31/2020	2020	1/1/2020	1/26/2020	January	1
32	2/1/2020	2020	2/1/2020	1/26/2020	February	2

The screenshot shows the Power Query Editor interface. The main area displays a table with 32 rows and 6 columns. The columns are: Start of Month, Start of Week, Month Name, Start of Year, and Year.1. The data represents a calendar for the year 2020, starting from January 1st and ending on February 1st. The formula bar at the top shows the query definition: `= Table.AddColumn(#"Inserted Start of Year", "Year.1", each Date.Year([Date]), Int64.Type)`. The right-hand pane shows the 'Query Settings' for 'Calendar Lookup', including the 'APPLIED STEPS' list.

	Start of Month	Start of Week	Month Name	Start of Year	Year.1
1	2020	1/1/2020	12/29/2019	January	1/1/2020
2	2020	1/1/2020	12/29/2019	January	1/1/2020
3	2020	1/1/2020	12/29/2019	January	1/1/2020
4	2020	1/1/2020	12/29/2019	January	1/1/2020
5	2020	1/1/2020	1/5/2020	January	1/1/2020
6	2020	1/1/2020	1/5/2020	January	1/1/2020
7	2020	1/1/2020	1/5/2020	January	1/1/2020
8	2020	1/1/2020	1/5/2020	January	1/1/2020
9	2020	1/1/2020	1/5/2020	January	1/1/2020
10	2020	1/1/2020	1/5/2020	January	1/1/2020
11	2020	1/1/2020	1/5/2020	January	1/1/2020
12	2020	1/1/2020	1/12/2020	January	1/1/2020
13	2020	1/1/2020	1/12/2020	January	1/1/2020
14	2020	1/1/2020	1/12/2020	January	1/1/2020
15	2020	1/1/2020	1/12/2020	January	1/1/2020
16	2020	1/1/2020	1/12/2020	January	1/1/2020
17	2020	1/1/2020	1/12/2020	January	1/1/2020
18	2020	1/1/2020	1/12/2020	January	1/1/2020
19	2020	1/1/2020	1/19/2020	January	1/1/2020
20	2020	1/1/2020	1/19/2020	January	1/1/2020
21	2020	1/1/2020	1/19/2020	January	1/1/2020
22	2020	1/1/2020	1/19/2020	January	1/1/2020
23	2020	1/1/2020	1/19/2020	January	1/1/2020
24	2020	1/1/2020	1/19/2020	January	1/1/2020
25	2020	1/1/2020	1/19/2020	January	1/1/2020
26	2020	1/1/2020	1/26/2020	January	1/1/2020
27	2020	1/1/2020	1/26/2020	January	1/1/2020
28	2020	1/1/2020	1/26/2020	January	1/1/2020
29	2020	1/1/2020	1/26/2020	January	1/1/2020
30	2020	1/1/2020	1/26/2020	January	1/1/2020
31	2020	1/1/2020	1/26/2020	January	1/1/2020
32	2020	2/1/2020	1/26/2020	February	1/1/2020

Task 2

Assignment2 - Last saved: Today at 9:28 PM

File Home Help Table tools

Name Calendar Lookup

Manage relationships New Quick New New Calendar
Relationships measure measure column table options
Calculations Calendars

Table view	Year	Start of Month	Start of Week	Month Name	Month	Start of Year	Year.1
January 1, 2020	2020	Wednesday, January 1, 2020	Sunday, December 29, 2019	January	1	Wednesday, January 1, 2020	2020
Thursday, January 2, 2020	2020	Wednesday, January 1, 2020	Sunday, December 29, 2019	January	1	Wednesday, January 1, 2020	2020
Friday, January 3, 2020	2020	Wednesday, January 1, 2020	Sunday, December 29, 2019	January	1	Wednesday, January 1, 2020	2020
Saturday, January 4, 2020	2020	Wednesday, January 1, 2020	Sunday, December 29, 2019	January	1	Wednesday, January 1, 2020	2020
Sunday, January 5, 2020	2020	Wednesday, January 1, 2020	Sunday, January 5, 2020	January	1	Wednesday, January 1, 2020	2020
Monday, January 6, 2020	2020	Wednesday, January 1, 2020	Sunday, January 5, 2020	January	1	Wednesday, January 1, 2020	2020
Tuesday, January 7, 2020	2020	Wednesday, January 1, 2020	Sunday, January 5, 2020	January	1	Wednesday, January 1, 2020	2020
Wednesday, January 8, 2020	2020	Wednesday, January 1, 2020	Sunday, January 5, 2020	January	1	Wednesday, January 1, 2020	2020
Thursday, January 9, 2020	2020	Wednesday, January 1, 2020	Sunday, January 5, 2020	January	1	Wednesday, January 1, 2020	2020
Friday, January 10, 2020	2020	Wednesday, January 1, 2020	Sunday, January 5, 2020	January	1	Wednesday, January 1, 2020	2020
Saturday, January 11, 2020	2020	Wednesday, January 1, 2020	Sunday, January 5, 2020	January	1	Wednesday, January 1, 2020	2020
Sunday, January 12, 2020	2020	Wednesday, January 1, 2020	Sunday, January 12, 2020	January	1	Wednesday, January 1, 2020	2020
Monday, January 13, 2020	2020	Wednesday, January 1, 2020	Sunday, January 12, 2020	January	1	Wednesday, January 1, 2020	2020
Tuesday, January 14, 2020	2020	Wednesday, January 1, 2020	Sunday, January 12, 2020	January	1	Wednesday, January 1, 2020	2020
Wednesday, January 15, 2020	2020	Wednesday, January 1, 2020	Sunday, January 12, 2020	January	1	Wednesday, January 1, 2020	2020
Thursday, January 16, 2020	2020	Wednesday, January 1, 2020	Sunday, January 12, 2020	January	1	Wednesday, January 1, 2020	2020
Friday, January 17, 2020	2020	Wednesday, January 1, 2020	Sunday, January 12, 2020	January	1	Wednesday, January 1, 2020	2020
Saturday, January 18, 2020	2020	Wednesday, January 1, 2020	Sunday, January 12, 2020	January	1	Wednesday, January 1, 2020	2020
Sunday, January 19, 2020	2020	Wednesday, January 1, 2020	Sunday, January 19, 2020	January	1	Wednesday, January 1, 2020	2020
Monday, January 20, 2020	2020	Wednesday, January 1, 2020	Sunday, January 19, 2020	January	1	Wednesday, January 1, 2020	2020
Tuesday, January 21, 2020	2020	Wednesday, January 1, 2020	Sunday, January 19, 2020	January	1	Wednesday, January 1, 2020	2020
Wednesday, January 22, 2020	2020	Wednesday, January 1, 2020	Sunday, January 19, 2020	January	1	Wednesday, January 1, 2020	2020
Thursday, January 23, 2020	2020	Wednesday, January 1, 2020	Sunday, January 19, 2020	January	1	Wednesday, January 1, 2020	2020
Friday, January 24, 2020	2020	Wednesday, January 1, 2020	Sunday, January 19, 2020	January	1	Wednesday, January 1, 2020	2020
Saturday, January 25, 2020	2020	Wednesday, January 1, 2020	Sunday, January 19, 2020	January	1	Wednesday, January 1, 2020	2020
Sunday, January 26, 2020	2020	Wednesday, January 1, 2020	Sunday, January 26, 2020	January	1	Wednesday, January 1, 2020	2020
Monday, January 27, 2020	2020	Wednesday, January 1, 2020	Sunday, January 26, 2020	January	1	Wednesday, January 1, 2020	2020
Tuesday, January 28, 2020	2020	Wednesday, January 1, 2020	Sunday, January 26, 2020	January	1	Wednesday, January 1, 2020	2020
Wednesday, January 29, 2020	2020	Wednesday, January 1, 2020	Sunday, January 26, 2020	January	1	Wednesday, January 1, 2020	2020
Thursday, January 30, 2020	2020	Wednesday, January 1, 2020	Sunday, January 26, 2020	January	1	Wednesday, January 1, 2020	2020
Friday, January 31, 2020	2020	Wednesday, January 1, 2020	Sunday, January 26, 2020	January	1	Wednesday, January 1, 2020	2020
Saturday, February 1, 2020	2020	Saturday, February 1, 2020	Sunday, January 26, 2020	February	2	Wednesday, January 1, 2020	2020

Table: Calendar1 column (912 rows)

Assignment2 - Last saved: Today at 9:28 PM

File Home Help

Clipboard Get data Excel OneLake SQL Enter Data Datasource Recent sources Transform Refresh data Manage relationships New measure column New calculation group Calendar options New parameter Manage roles View as Q&A Language Linguistic schema Sensitivity Publish

Calendar Lookup

- Date
- Month
- Month Name
- Start of Month
- Start of Week
- Start of Year
- Year
- Year.1
- Collapse

Company Calendar Loo...

- Column1
- Collapse

Data

Tables Model

Calendar Lookup

Company Calendar Lookup

All tables

Task 2

Assignment2 • Last saved: Today at 10:22 PM

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FormatCommentUncommentFindReplaceCommand palette

Copilot

DAX queries will be saved to your model. They won't be visible when published in the Power BI service. [Learn more.](#)

RunUpdate model with changes (0)Share feedback

```
1 // Welcome to DAX query view! Learn more about DAX queries at https://aka.ms/dax-queries.
2 // Right-click on tables, columns, or measures in the data pane to access quick queries, or ask Copilot for help writing DAX.
3
4 // Select "Run" to try this sample DAX query.
5 EVALUATE
6 TOPN(100, 'Calendar Lookup')
7
```

TablesModel

Search

Calendar Lookup

Company Calendar Lookup

ResultsResult 1 of 1Copy

	Calendar Lookup[Date]	Calendar Lookup[Year]	Calendar Lookup[Start o...	Calendar Lookup[Start o...	Calendar Lookup[Mont...	Calendar Lookup[Month]	Calendar Lookup[Start o...	Calendar Lo...
1	1/1/2020 12:00:00 AM	2020	1/1/2020 12:00:00 AM	12/29/2019 12:00:00 AM	January	1	1/1/2020 12:00:00 AM	
2	1/2/2020 12:00:00 AM	2020	1/1/2020 12:00:00 AM	12/29/2019 12:00:00 AM	January	1	1/1/2020 12:00:00 AM	
3	1/3/2020 12:00:00 AM	2020	1/1/2020 12:00:00 AM	12/29/2019 12:00:00 AM	January	1	1/1/2020 12:00:00 AM	
4	1/4/2020 12:00:00 AM	2020	1/1/2020 12:00:00 AM	12/29/2019 12:00:00 AM	January	1	1/1/2020 12:00:00 AM	
5	1/5/2020 12:00:00 AM	2020	1/1/2020 12:00:00 AM	1/5/2020 12:00:00 AM	January	1	1/1/2020 12:00:00 AM	
6	1/6/2020 12:00:00 AM	2020	1/1/2020 12:00:00 AM	1/5/2020 12:00:00 AM	January	1	1/1/2020 12:00:00 AM	
7	1/7/2020 12:00:00 AM	2020	1/1/2020 12:00:00 AM	1/5/2020 12:00:00 AM	January	1	1/1/2020 12:00:00 AM	
8	1/8/2020 12:00:00 AM	2020	1/1/2020 12:00:00 AM	1/5/2020 12:00:00 AM	January	1	1/1/2020 12:00:00 AM	
9	1/9/2020 12:00:00 AM	2020	1/1/2020 12:00:00 AM	1/5/2020 12:00:00 AM	January	1	1/1/2020 12:00:00 AM	
10	1/10/2020 12:00:00 AM	2020	1/1/2020 12:00:00 AM	1/5/2020 12:00:00 AM	January	1	1/1/2020 12:00:00 AM	
11	1/11/2020 12:00:00 AM	2020	1/1/2020 12:00:00 AM	1/5/2020 12:00:00 AM	January	1	1/1/2020 12:00:00 AM	
12	1/12/2020 12:00:00 AM	2020	1/1/2020 12:00:00 AM	1/12/2020 12:00:00 AM	January	1	1/1/2020 12:00:00 AM	
13	1/13/2020 12:00:00 AM	2020	1/1/2020 12:00:00 AM	1/12/2020 12:00:00 AM	January	1	1/1/2020 12:00:00 AM	
14	1/14/2020 12:00:00 AM	2020	1/1/2020 12:00:00 AM	1/12/2020 12:00:00 AM	January	1	1/1/2020 12:00:00 AM	
15	1/15/2020 12:00:00 AM	2020	1/1/2020 12:00:00 AM	1/12/2020 12:00:00 AM	January	1	1/1/2020 12:00:00 AM	

Query 1

Success (151.8 ms)Query 1 of 1Result 1 of 18 columns, 100 rows

15°C Clear

Search

ENG IN

10:24 PM2/11/2026