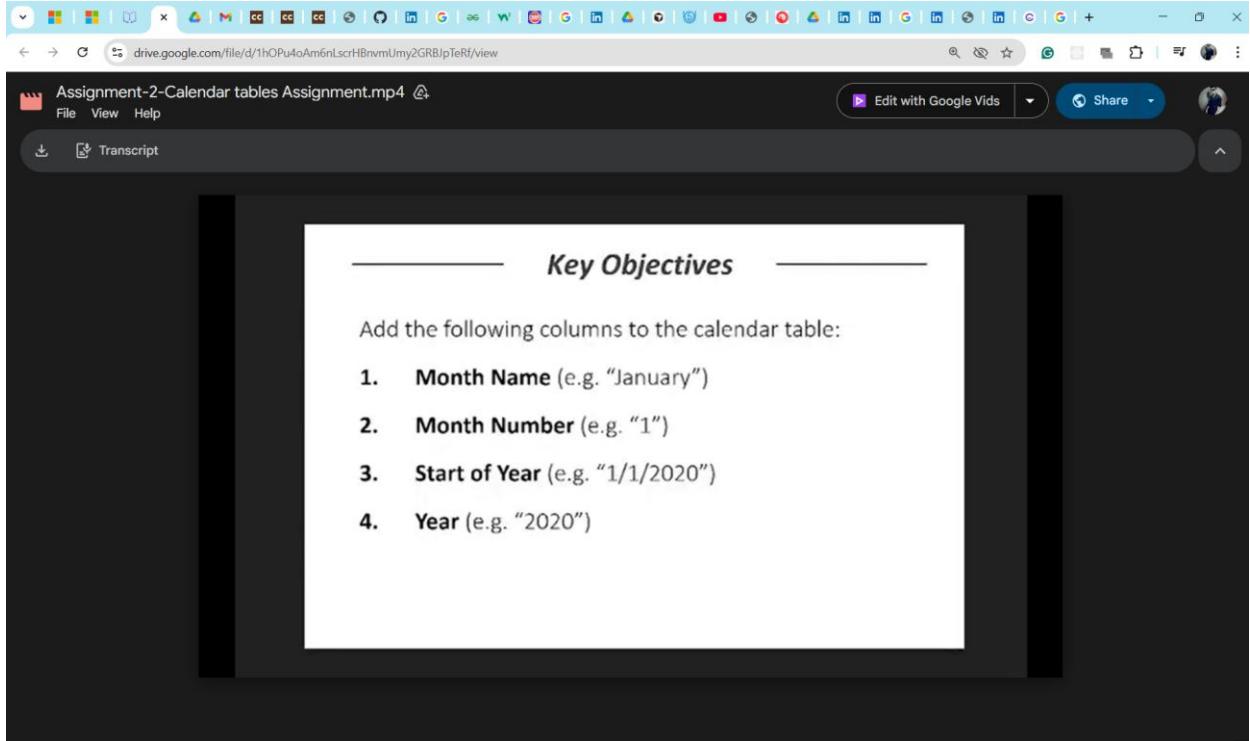


## Task 2



Assignment2

Queries [2]

Company Calendar  
Calendar Lookup

Date
2020-01-01
2020-01-02
2020-01-03
2020-01-04
2020-01-05
2020-01-06
2020-01-07
2020-01-08
2020-01-09
2020-01-10
2020-01-11
2020-01-12
2020-01-13
2020-01-14
2020-01-15
2020-01-16
2020-01-17
2020-01-18
2020-01-19
2020-01-20
2020-01-21
2020-01-22
2020-01-23
2020-01-24
2020-01-25
2020-01-26
2020-01-27
2020-01-28
2020-01-29
2020-01-30
2020-01-31

1 ROWS | 1 COLUMN | 913 ROWS | Column widths based on first 1000 rows

PREVIEW | DOWNLOAD | EXPORT | AT 4:26 PM

Query Settings

Properties

Name: Company Calendar Lookup

All Properties

Applied Steps

Source

## Task 2

PRIVACY DOWNLOADED AT 9:31 PM

File Home Transform Add Column View Tools Help

CLOSE & APPLY NEW RECENT SOURCE \* SOURCES ENTER DATA DATA SOURCE SETTINGS MANAGE PARAMETERS EXPORT QUERY RESULTS REFRESH PREVIEW ADVANCED EDITOR PROPERTIES QUERY CHOOSE COLUMNS REMOVE COLUMNS KEEP ROWS REMOVE ROWS SORT SPLIT COLUMN GROUP BY REPLACE VALUES DATA TYPE: DATE USE FIRST ROW AS HEADERS MERGE QUERIES APPEND QUERIES COMBINE FILES COMBINE

Queries [2]

Company Calendar... Calendar Lookup

Date Year Start of Month Start of Week Month Name Month Start of Year

	Date	Year	Start of Month	Start of Week	Month Name	Month	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	

Query Settings

PROPERTIES

Name: Calendar Lookup  
Source: Promoted Headers  
Changed Type: Inserted Year  
Inserted Start of Month: Inserted Start of Week  
Inserted Month Name: Inserted Month  
Inserted Month: Inserted Start of Year  
Inserted Start of Year: Inserted Year1

APPLIED STEPS

Source: Promoted Headers  
Changed Type: Inserted Year  
Inserted Start of Month: Inserted Start of Week  
Inserted Month Name: Inserted Month  
Inserted Month: Inserted Start of Year  
Inserted Start of Year: Inserted Year1

File Home Transform Add Column View Tools Help

Close & Apply New Source \* Recent Data source settings Manage Parameters Export query results Refresh Preview Manage Advanced Editor Properties Choose Columns Remove Columns Keep Rows Reduce Rows Sort Group By Split Column \* Data Type: Date Use First Row as Headers Append Queries Merge Queries Append Queries Combine Files Close New Query Data Sources Output Data Query Manage Columns Transform Combine

Queries [2] < fx = Table.AddColumn(#"Inserted Start of Year", "Year.1", each Date.Year([Date]), Int64, Type)

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

Query Settings

Properties

Name: Calendar Lookup  
All Properties

Applied Steps

Source  
Promoted Headers  
Changed Type  
Inserted Year  
Inserted Start of Month  
Inserted Start of Week  
Inserted Month Name  
Inserted Month  
Inserted Start of Year

Inserted Year1

## Task 2

Assignment2 • Last saved: Today at 9:28 PM

File Home Help Table tools

Name: Calendar Lookup

Manage relationships Relationships New measure column Calculations Calendar options Calendars

Structure

Table view

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

Data

Search

Calendar Lookup  
Company Calendar Lookup

Assignment2 • Last saved: Today at 9:28 PM

File Home Help

Cut Copy Paste Get data from OneLake workbook catalog Data Enter data Recent sources Transform Refresh data Relationships Manage relationships New measure column New table Calculations New parameter Calculations Calendar options Parameters Manage roles View as Q&A Sensitivity Language schema setup Publish Share

Clipboard

Calendar Lookup

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

Company Calendar Loo...

Column1

All tables +

Properties

Data

Tables Model

Search

Calendar Lookup  
Company Calendar Lookup

## Task 2

The screenshot shows the Power BI DAX Query view interface. At the top, there's a toolbar with standard file operations like Paste, Cut, Copy, and Undo/Redo. Below the toolbar, a message states: "DAX queries will be saved to your model. They won't be visible when published in the Power BI service. Learn more." A "Run" button is highlighted in green. To the right, there's a "Data" pane showing tables like "Calendar Lookup" and "Company Calendar Lookup". The main area displays a DAX query and its results.

DAX code:

```
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')
```

Results:

	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 details: Success (151.8 ms) | Query 1 of 1 | Result 1 of 1 | 8 columns, 100 rows