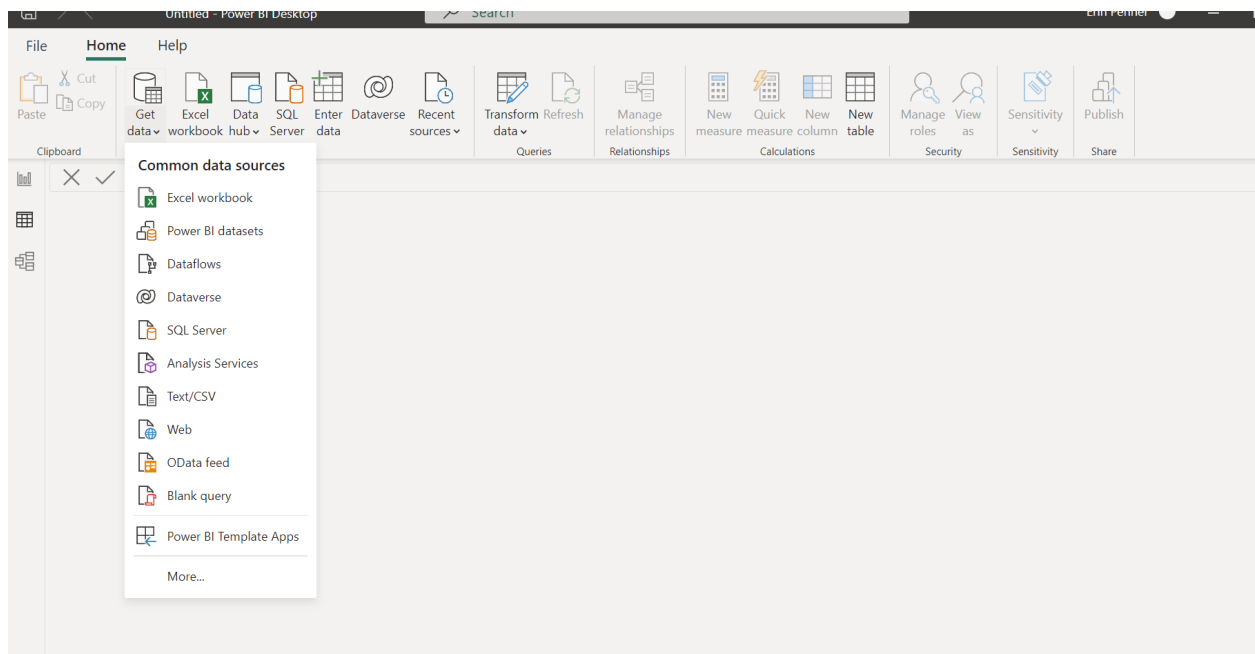
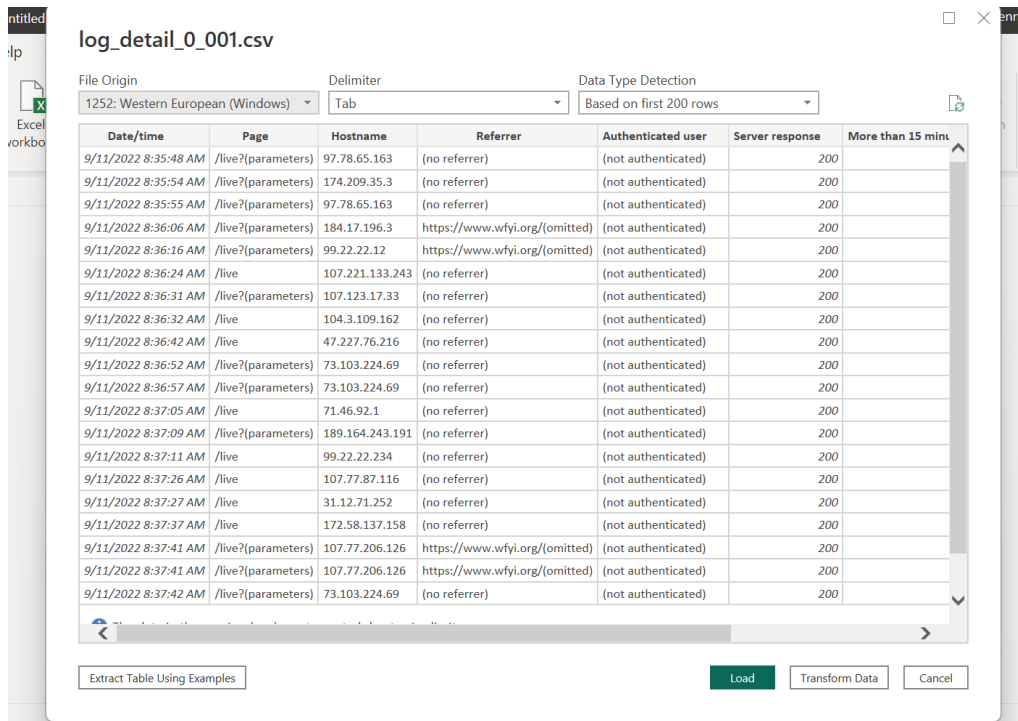


For Desktop: (there isn't a way to add new data in the Web Browser version of Power BI)

## Adding Data



- Go to Get data in the data tab
- Select your data source
- Select load data



## Adding new columns with formulas

Write a DAX expression that creates a new column in the selected table and calculates values for each row.

authenticated user	Server response	More than 15 minutes	Accesses	Size	Duration	Day_of_Week	Month	Year	Week No	Hour	Day_Name	Column
thenticated)	200	False	1	89046	2	3	5	2019	19	14	Tuesday	
thenticated)	200	False	1	89046	2	3	5	2019	19	14	Tuesday	
thenticated)	200	False	1	89046	2	3	5	2019	19	15	Tuesday	
thenticated)	200	False	1	89046	2	3	5	2019	19	15	Tuesday	
thenticated)	200	False	1	89046	2	3	5	2019	19	15	Tuesday	
thenticated)	200	False	1	89046	2	3	5	2019	19	15	Tuesday	
thenticated)	200	False	1	89046	2	3	5	2019	19	15	Tuesday	
thenticated)	200	False	1	89046	2	3	5	2019	19	15	Tuesday	
thenticated)	200	False	1	89046	2	3	5	2019	19	15	Tuesday	
thenticated)	200	False	1	89046	2	3	5	2019	19	16	Tuesday	
thenticated)	200	False	1	89046	2	3	5	2019	19	16	Tuesday	
thenticated)	200	False	1	89046	2	3	5	2019	19	16	Tuesday	
thenticated)	200	False	1	89046	2	3	5	2019	19	16	Tuesday	
thenticated)	200	False	1	89046	2	3	5	2019	19	16	Tuesday	
thenticated)	200	False	1	89046	2	3	5	2019	19	17	Tuesday	
thenticated)	200	False	1	89046	2	3	5	2019	19	18	Tuesday	
thenticated)	200	False	1	89046	2	3	5	2019	19	19	Tuesday	
thenticated)	200	False	1	89046	2	3	5	2019	19	20	Tuesday	
thenticated)	200	False	1	89046	2	3	5	2019	19	20	Tuesday	

### a. Day of the Week (with days represented as numbers)

a. **COLUMN\_NAME** = **WEEKDAY**(NAME\_OF\_TABLE[existing Date/time column])

Day\_of\_Week = WEEKDAY(Append1[Date/time])

Date/time	Page	Hostname	Referrer	Authenticated user	Server response	More than 15 minutes	Accesses	Size	Duration	Day_of_Week	Month
5/7/2019 2:41:11 PM	/live	34.209.76.128	(no referrer)	(not authenticated)	200	False	1	89046	2	3	
5/7/2019 2:52:01 PM	/live	34.209.76.128	(no referrer)	(not authenticated)	200	False	1	89046	2	3	
5/7/2019 3:07:00 PM	/live	34.209.76.128	(no referrer)	(not authenticated)	200	False	1	89046	2	3	
5/7/2019 3:11:11 PM	/live	34.209.76.128	(no referrer)	(not authenticated)	200	False	1	89046	2	3	
5/7/2019 3:16:11 PM	/live	34.209.76.128	(no referrer)	(not authenticated)	200	False	1	89046	2	3	
5/7/2019 3:17:01 PM	/live	34.209.76.128	(no referrer)	(not authenticated)	200	False	1	89046	2	3	
5/7/2019 3:21:12 PM	/live	34.209.76.128	(no referrer)	(not authenticated)	200	False	1	89046	2	3	
5/7/2019 3:32:00 PM	/live	34.209.76.128	(no referrer)	(not authenticated)	200	False	1	89046	2	3	
5/7/2019 3:56:12 PM	/live	34.209.76.128	(no referrer)	(not authenticated)	200	False	1	89046	2	3	
5/7/2019 4:02:01 PM	/live	34.209.76.128	(no referrer)	(not authenticated)	200	False	1	89046	2	3	
5/7/2019 4:12:01 PM	/live	34.209.76.128	(no referrer)	(not authenticated)	200	False	1	89046	2	3	
5/7/2019 4:16:12 PM	/live	34.209.76.128	(no referrer)	(not authenticated)	200	False	1	89046	2	3	
5/7/2019 4:22:02 PM	/live	34.209.76.128	(no referrer)	(not authenticated)	200	False	1	89046	2	3	
5/7/2019 4:57:01 PM	/live	34.209.76.128	(no referrer)	(not authenticated)	200	False	1	89046	2	3	
5/7/2019 5:17:02 PM	/live	34.209.76.128	(no referrer)	(not authenticated)	200	False	1	89046	2	3	
5/7/2019 5:32:00 PM	/live	34.209.76.128	(no referrer)	(not authenticated)	200	False	1	89046	2	3	
5/7/2019 6:01:12 PM	/live	34.209.76.128	(no referrer)	(not authenticated)	200	False	1	89046	2	3	
5/7/2019 7:52:11 PM	/live	34.209.76.128	(no referrer)	(not authenticated)	200	False	1	89046	2	3	
5/7/2019 8:11:01 PM	/live	34.209.76.128	(no referrer)	(not authenticated)	200	False	1	89046	2	3	
5/7/2019 8:20:11 PM	/live	34.209.76.128	(no referrer)	(not authenticated)	200	False	1	89046	2	3	

b. Table: Append1 (20,707,597 rows) Column: Day of Week (7 distinct values)

### b. Month

a. **Column\_Name** = **Month**(Table\_NAME[existing Date/time column])

[illegible]

c. Year

a. `COLUMN_NAME = Year(TABLE_NAME[existing Date/time column])`

[illegible]

d. Week No

a. `COLUMN_NAME = WEEKNUM(TABLE_NAME[existing Date/time column])`

[illegible]

e. Hour

a. `COLUMN_NAME = hour(TABLE_NAME[existing Date/time column])`

1 Hour = hour(Append1[Date/time])										
cated user	Server response	More than 15 minutes	Accesses	Size	Duration	Day_of_Week	Month	Year	Week No	Hour
enticated)	200	False	1	89046	2	3	5	2019	19	14
enticated)	200	False	1	89046	2	3	5	2019	19	14
enticated)	200	False	1	89046	2	3	5	2019	19	15
enticated)	200	False	1	89046	2	3	5	2019	19	15
enticated)	200	False	1	89046	2	3	5	2019	19	15
enticated)	200	False	1	89046	2	3	5	2019	19	15
enticated)	200	False	1	89046	2	3	5	2019	19	15
enticated)	200	False	1	89046	2	3	5	2019	19	15
enticated)	200	False	1	89046	2	3	5	2019	19	16
enticated)	200	False	1	89046	2	3	5	2019	19	16
enticated)	200	False	1	89046	2	3	5	2019	19	16
enticated)	200	False	1	89046	2	3	5	2019	19	16
enticated)	200	False	1	89046	2	3	5	2019	19	17
enticated)	200	False	1	89046	2	3	5	2019	19	17
enticated)	200	False	1	89046	2	3	5	2019	19	18
enticated)	200	False	1	89046	2	3	5	2019	19	19
enticated)	200	False	1	89046	2	3	5	2019	19	20

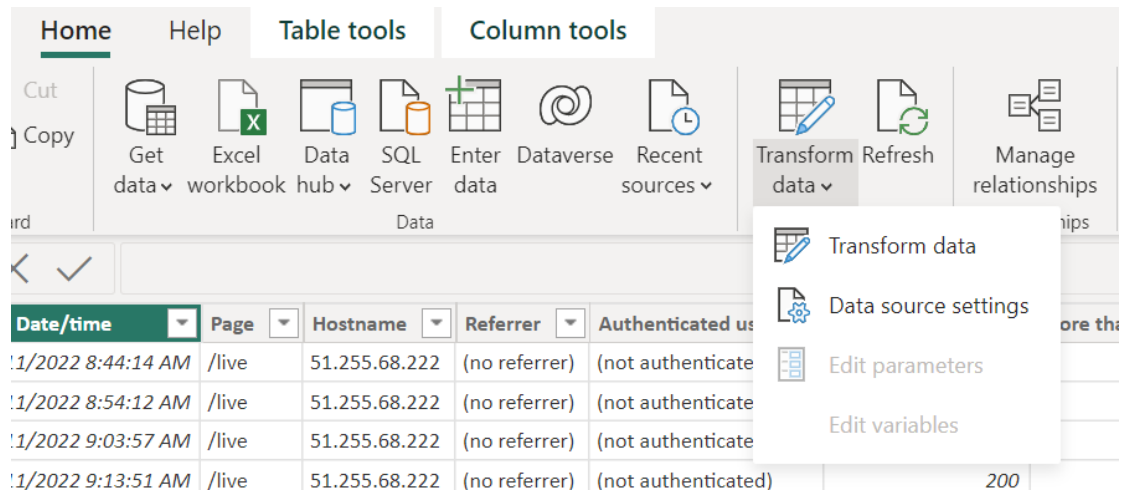
f. Day\_Name (day of week with words)

a. COLUMN\_NAME = FORMAT(TABLE\_NAME[existing Date/time column], "dddd")

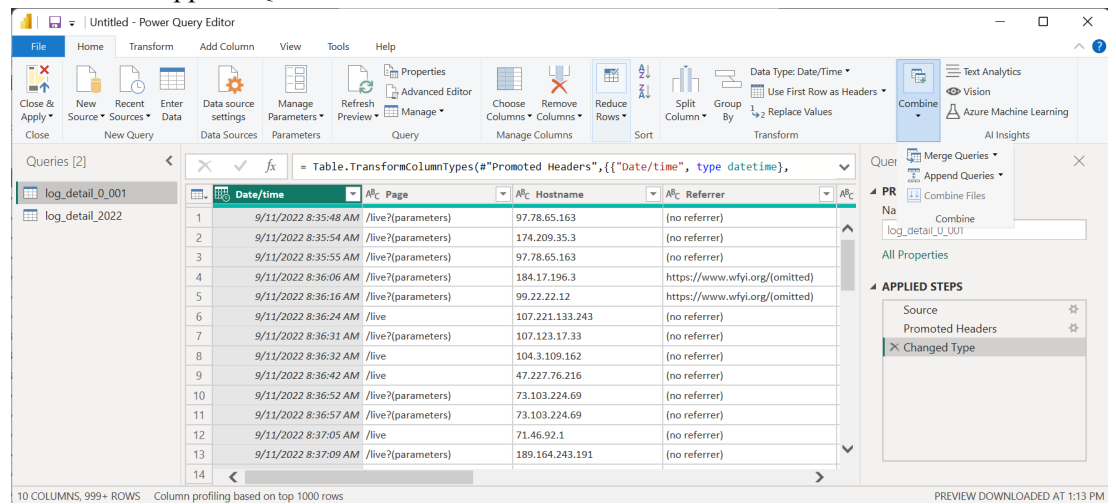
1 Day_Name = FORMAT(Append1[Date/time], "dddd")													
Authenticated user	Server response	More than 15 minutes	Accesses	Size	Duration	Day_of_Week	Month	Year	Week No	Hour	Day_Name		
rer (not authenticated)	200	False	1	89046	2	3	5	2019	19	14	Tuesday		
rer (not authenticated)	200	False	1	89046	2	3	5	2019	19	14	Tuesday		
rer (not authenticated)	200	False	1	89046	2	3	5	2019	19	15	Tuesday		
rer (not authenticated)	200	False	1	89046	2	3	5	2019	19	15	Tuesday		
rer (not authenticated)	200	False	1	89046	2	3	5	2019	19	15	Tuesday		
rer (not authenticated)	200	False	1	89046	2	3	5	2019	19	15	Tuesday		
rer (not authenticated)	200	False	1	89046	2	3	5	2019	19	15	Tuesday		
rer (not authenticated)	200	False	1	89046	2	3	5	2019	19	15	Tuesday		
rer (not authenticated)	200	False	1	89046	2	3	5	2019	19	15	Tuesday		
rer (not authenticated)	200	False	1	89046	2	3	5	2019	19	16	Tuesday		
rer (not authenticated)	200	False	1	89046	2	3	5	2019	19	16	Tuesday		
rer (not authenticated)	200	False	1	89046	2	3	5	2019	19	16	Tuesday		
rer (not authenticated)	200	False	1	89046	2	3	5	2019	19	16	Tuesday		
rer (not authenticated)	200	False	1	89046	2	3	5	2019	19	16	Tuesday		
rer (not authenticated)	200	False	1	89046	2	3	5	2019	19	17	Tuesday		
rer (not authenticated)	200	False	1	89046	2	3	5	2019	19	18	Tuesday		
rer (not authenticated)	200	False	1	89046	2	3	5	2019	19	19	Tuesday		
rer (not authenticated)	200	False	1	89046	2	3	5	2019	19	20	Tuesday		
rer (not authenticated)	200	False	1	89046	2	3	5	2019	19	20	Tuesday		

## Adding More Data and Appending it to Existing Data

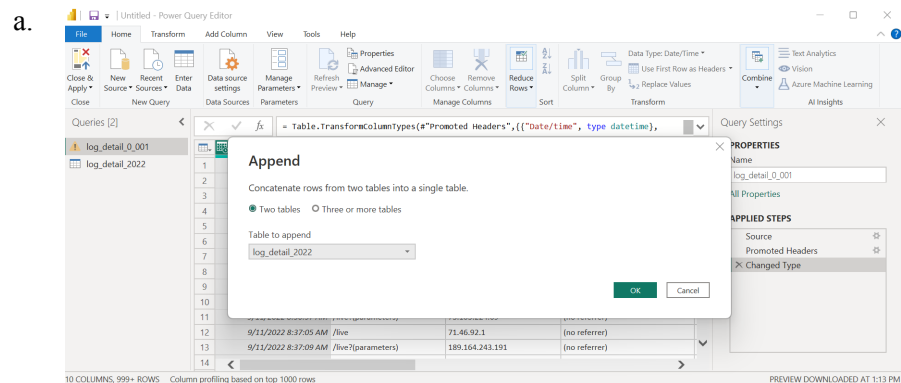
- Get Data
- Select data source
- Select Load Data
- Transform Data



- Select Combine and Append Queries



- Select Table to Append



## g. Removing Duplicates

### a. Select all rows

The screenshot shows the Power Query Editor interface. The 'Remove Duplicates' dialog box is open, with the 'Keep Rows' section selected. The 'Keep Rows' section is expanded, showing a list of rows with their respective 'Duration' values. The 'Remove Rows' section is also expanded, showing a list of rows with their respective 'Duration' values. The 'Remove Duplicates' button is highlighted.

Keep Rows	Remove Rows
1 00	1 00
2 00	2 00
3 00	3 00
4 00	4 00
5 00	5 00
6 00	6 00
7 00	7 00
8 00	8 00
9 00	9 00
10 00	10 00
11 00	11 00
12 00	12 00
13 00	13 00
14 00	14 00
15 00	15 00

### b. Reduce Rows, Remove Rows, Remove Duplicates

The screenshot shows the Power Query Editor interface. The 'Remove Duplicates' dialog box is open, with the 'Keep Rows' section selected. The 'Keep Rows' section is expanded, showing a list of rows with their respective 'Duration' values. The 'Remove Rows' section is also expanded, showing a list of rows with their respective 'Duration' values. The 'Remove Duplicates' button is highlighted.

Keep Rows	Remove Rows
1 00	1 00
2 00	2 00
3 00	3 00
4 00	4 00
5 00	5 00
6 00	6 00
7 00	7 00
8 00	8 00
9 00	9 00
10 00	10 00
11 00	11 00
12 00	12 00
13 00	13 00
14 00	14 00
15 00	15 00

### c. Close Power Query Editor and Apply Changes

The screenshot shows the Power Query Editor interface. The 'Close & Apply' dialog box is open, with the 'Apply' button highlighted. The 'Apply' button is highlighted, indicating that the changes will be applied to the data source.

Keep Rows	Remove Rows
1 200	1 200
2 200	2 200
3 200	3 200
4 200	4 200
5 200	5 200
6 200	6 200
7 200	7 200
8 200	8 200
9 200	9 200
10 200	10 200
11 200	11 200
12 200	12 200
13 200	13 200
14 200	14 200
15 200	15 200