

1. Create a table with 7 columns in a single DAX query

Table should consist of:

- The previous and the next 7 days from the current date
- Name of the day (Friday, Saturday, etc.)
- Name of the day in Uzbek
- Year Number of the day
- Month Name
- Day number
- Fiscal quarter, considering fiscal year starting in October

The screenshot displays the Microsoft Power BI Desktop interface. The main window shows a DAX query in the 'Table tools' ribbon, under the 'Formulas' tab. The query is named 'Date_Table' and is defined as follows:

```
1 Date_Table =
2 ADDCOLUMNS (
3     CALENDAR ( TODAY() - 7, TODAY() + 7 ),
4     "Day Name (EN)", FORMAT ( [Date], "dddd" ),
5     "Day Name (UZ)",
6     SWITCH (
7         WEEKDAY ( [Date], 2 ),
8         1, "Dushanba",
9         2, "Seshanba",
10        3, "Chorshanba",
11        4, "Payshanba",
12        5, "Juma",
13        6, "Shanba",
14        7, "Yakshanba"
15    ),
16     "Year Number", YEAR ( [Date] ),
17     "Month Name", FORMAT ( [Date], "MMMM" ),
18     "Day Number", DAY ( [Date] ),
19     "Fiscal Quarter",
20     "Q" &
21     SWITCH (
22         TRUE(),
23         MONTH ( [Date] ) IN {10, 11, 12}, 1,
24         MONTH ( [Date] ) IN {1, 2, 3}, 2,
25         MONTH ( [Date] ) IN {4, 5, 6}, 3,
26         MONTH ( [Date] ) IN {7, 8, 9}, 4
27     )
28 )
```

The query results are displayed in a table with 7 columns: Date, Day Name (EN), Day Name (UZ), Year Number, Month Name, Day Number, and Fiscal Quarter. The table contains 15 rows of data, starting from 09.06.2025 0:00:00 and ending at 23.06.2025 0:00:00.

Date	Day Name (EN)	Day Name (UZ)	Year Number	Month Name	Day Number	Fiscal Quarter
09.06.2025 0:00:00	Monday	Dushanba	2025	June	9	Q3
10.06.2025 0:00:00	Tuesday	Seshanba	2025	June	10	Q3
11.06.2025 0:00:00	Wednesday	Chorshanba	2025	June	11	Q3
12.06.2025 0:00:00	Thursday	Payshanba	2025	June	12	Q3
13.06.2025 0:00:00	Friday	Juma	2025	June	13	Q3
14.06.2025 0:00:00	Saturday	Shanba	2025	June	14	Q3
15.06.2025 0:00:00	Sunday	Yakshanba	2025	June	15	Q3
16.06.2025 0:00:00	Monday	Dushanba	2025	June	16	Q3
17.06.2025 0:00:00	Tuesday	Seshanba	2025	June	17	Q3
18.06.2025 0:00:00	Wednesday	Chorshanba	2025	June	18	Q3
19.06.2025 0:00:00	Thursday	Payshanba	2025	June	19	Q3
20.06.2025 0:00:00	Friday	Juma	2025	June	20	Q3
21.06.2025 0:00:00	Saturday	Shanba	2025	June	21	Q3
22.06.2025 0:00:00	Sunday	Yakshanba	2025	June	22	Q3
23.06.2025 0:00:00	Monday	Dushanba	2025	June	23	Q3