```
#Lesson 11
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- **Topic:** Date and time functions & Financial Functions
- **Prerequisites:** Download Lesson 10.xlsx file.
- 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

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```Lesson 10```
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## Answers:

1. DAX query

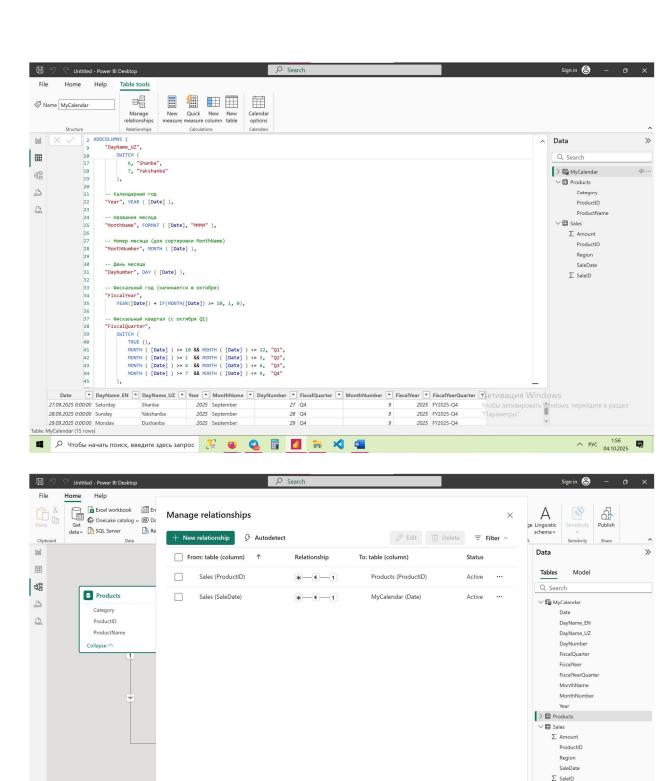
```
MyCalendar =
ADDCOLUMNS (
CALENDAR (TODAY() - 7, TODAY() + 7),

-- День недели на английском
"DayName_EN", FORMAT ([Date], "dddd"),

-- День недели на узбекском
"DayName_UZ",
SWITCH (
WEEKDAY ([Date], 2),
1, "Dushanba",
2, "Seshanba",
3, "Chorshanba",
4, "Payshanba",
5, "Juma",
6, "Shanba",
```

7, "Yakshanba"

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),
 -- Календарный год
 "Year", YEAR ([Date]),
 -- Название месяца
 "MonthName", FORMAT ([Date], "MMMM"),
 -- Номер месяца (для сортировки MonthName)
 "MonthNumber", MONTH ([Date]),
 -- День месяца
 "DayNumber", DAY ([Date]),
 -- Фискальный год (начинается в октябре)
 "FiscalYear",
 YEAR([Date]) + IF(MONTH([Date]) >= 10, 1, 0),
 -- Фискальный квартал (с октября Q1)
 "FiscalQuarter",
 SWITCH (
 TRUE(),
 MONTH ([Date]) >= 10 && MONTH ([Date]) <= 12, "Q1",
 MONTH([Date]) >= 1 \&\& MONTH([Date]) <= 3, "Q2",
 MONTH ([Date]) >= 4 \&\& MONTH ([Date]) <= 6, "Q3",
 MONTH ([Date]) >= 7 && MONTH ([Date]) <= 9, "Q4"
),
 -- Метка вида FY2026-Q1
 "FiscalYearQuarter",
 "FY" & (YEAR([Date]) + IF(MONTH([Date]) >= 10, 1, 0))
 & "-Q" &
 SWITCH (
 TRUE(),
 MONTH ([Date]) >= 10 && MONTH ([Date]) <= 12, 1,
 MONTH ([Date]) >= 1 && MONTH ([Date]) <= 3, 2,
 MONTH ([Date]) >= 4 \&\& MONTH ([Date]) <= 6, 3,
 MONTH ([Date]) >= 7 && MONTH ([Date]) <= 9, 4
)
```



All tables +

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