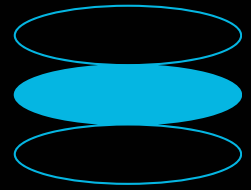


# DATE LOGIC TASKS

A series of questions and answers



## *Category A: Basic to Intermediate Date Logic*

1. Is 1/1/2024 a valid date?
2. Is 2/29/2023 a valid date?
3. How do you get today's date?
4. How do you get the current time?
5. How do you add 7 days to a date?
6. How do you subtract 3 days from a date?
7. How do you extract the year from a date?
8. How do you extract the month from a date?
9. How do you extract the day from a date?
10. How do you display a date in the format MM/DD/YYYY?

## *Category B: Differences, Age Calculations, Durations*

1. How do you calculate the difference between two dates in days?
2. How do you calculate the difference between two dates in months?
3. How do you calculate the difference between two dates in years?
4. How do you calculate someone's age based on their birthdate?
5. How do you calculate the number of weeks between two dates?
6. How do you calculate the number of weekdays between two dates?
7. How do you calculate the duration of a project in days?
8. How do you calculate the duration of a project in months?
9. How do you calculate the duration of a project in years?
10. How do you determine if a date falls within a specific date range?

## *Category C: EDATE, EOMONTH, Month-end Logic*

1. How do you use the EDATE function to add months to a date?
2. How do you use the EOMONTH function to find the last day of a month?
3. How do you find the first day of a month?
4. How do you calculate the last day of the previous month?

5. How do you calculate the first day of the next month?
6. How do you determine if a date is the last day of the month?
7. How do you determine the number of days in a specific month?
8. How do you find all dates of the next month?

## Category D: WORKDAY, NETWORKDAYS

1. How do you use the WORKDAY function to calculate a date after a specific number of workdays?
2. How do you use the NETWORKDAYS function to calculate the number of workdays between two dates?
3. How do you exclude holidays from the WORKDAY calculation?
4. How do you exclude holidays from the NETWORKDAYS calculation?
5. How do you calculate a project's end date considering only workdays?
6. How do you calculate the number of workdays available in a specific month?

## Category E: Advanced Date Logic

1. How do you calculate the date of the next specific day of the week (e.g., next Monday)?
2. How do you calculate the date of the previous specific day of the week (e.g., previous Friday)?
3. How do you calculate the number of occurrences of a specific day of the week in a given month?
4. How do you create a dynamic calendar that updates automatically?
5. How do you determine if a year is a leap year?
6. How do you create a formula to calculate the date that is X days before the end of the current month?