



Day 34

DATEDIFF(), DATE_ADD() & DATE_SUB()





DATEDIFF()

The DATEDIFF() function returns the number of days between two date values.



General Syntax :

```
DATEDIFF(date1, date2)
```

Parameter Values :

date1, date2 :	Required. Two dates to calculate the number of days between. (date1 - date2)
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DATE_ADD()

The **DATE_ADD()** function adds a time/date interval to a date and then returns the date.



General Syntax :

```
DATE_ADD(date, INTERVAL value addunit)
```

Parameter Values :

- date** : Required. The date to be modified.
- value** : Required. The value of the time/date interval to add. Both positive and negative values are allowed.
- addunit** : Required. The type of interval to add.



DATE_SUB()

The **DATE_SUB()** function subtracts a time/date interval from a date and then returns the date.



General Syntax :

```
DATE_SUB(date, INTERVAL value interval)
```

Parameter Values :

- date** : Required. The date to be modified.
- value** : Required. The value of the time/date interval to subtract. Both positive and negative values are allowed.
- interval** : Required. The type of interval to subtract.

addunit and **interval** can be one of the following values:

- MICROSECOND
- SECOND
- MINUTE
- HOUR
- DAY
- WEEK
- MONTH
- QUARTER
- YEAR
- SECOND_MICROSECOND
- MINUTE_MICROSECOND
- MINUTE_SECOND
- HOUR_MICROSECOND
- HOUR_SECOND
- HOUR_MINUTE
- DAY_MICROSECOND
- DAY_SECOND
- DAY_MINUTE
- DAY_HOUR
- YEAR_MONTH