TIMESTAMPDIFF

TIMESTAMPDIFF function returns the number of years, months, or days between two dates

Syntax

TIMESTAMPDIFF(year, date1,date2)
TIMESTAMPDIFF(month, date1,date2)
TIMESTAMPDIFF(day, date1,date2)

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TIMESTAMPDIFF

TIMESTAMPDIFF function returns the number of years, months, or days between two dates

Example

```
SELECT TIMESTAMPDIFF(year,'2014-04-25',current_date());

SELECT order_line, order_date, ship_date,
TIMESTAMPDIFF(day, order_date,ship_date) as time_taken
FROM sales
ORDER BY time_taken DESC;
```

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DATEDIFF

DATEDIFF function returns the number of days between two dates

Syntax

DATEDIFF(date2,date1)

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EXTRACT

EXTRACT function extracts parts from a date

Syntax

EXTRACT ('unit' from 'date')

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EXTRACT

EXTRACT function extracts parts from a date

Units

Unit	Explanation
SECOND	Seconds (and fractional seconds)
MINUTE	Minute (0 to 59)
HOUR	Hour (0 to 23)
DAY	Day of the month (1 to 31)
WEEK	Weak of the year
MONTH	Month of the year
QUARTER	Quarter of the year
YEAR	Year as 4-digits

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UNIX_TIMESTAMP

UNIX_TIMESTAMP function returns the number of seconds that have passed since '1970-01-01 00:00:00'UTC

Syntax

select UNIX_TIMESTAMP();

UNIX_TIMESTAMP

UNIX_TIMESTAMP function returns the number of seconds that have passed since '1970-01-01 00:00:00'UTC

Example

SELECT order_date,ship_date,
UNIX_TIMESTAMP(ship_date) - UNIX_TIMESTAMP(order_date) as seconds
FROM sales;

We will have the exact difference between two dates in seconds

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