

# Functions

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- Check the following link:

[https://www.w3schools.com/sql/sql\\_ref\\_sqlserver.asp](https://www.w3schools.com/sql/sql_ref_sqlserver.asp)

# Date

- MONTH Returns the month part for a specified date (a number from 1 to 12)
- YEAR Returns the year part for a specified date

```
SELECT KINOSTART,  
       YEAR(KINOSTART) JAHR_KINOSTART,  
       CAST (YEAR(KINOSTART) as CHAR(4)) JAHR_KINOSTART_CHAR,  
       MONTH(KINOSTART) MONAT_KINOSTART  
FROM   MedienBibliothek.dbo.DVD;
```

KINOSTART	JAHNR_KINOSTART	JAHNR_KINOSTART_CHAR	MONAT_KINOSTART
1952-08-29	1,952	1952	8
1983-08-05	1,983	1983	8
1972-08-24	1,972	1972	8
1976-10-07	1,976	1976	10
1988-11-10	1,988	1988	11

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# String

- SUBSTRING Extracts some characters from a string
- PATINDEX Returns the position of a pattern in a string

```
SELECT ORIGINALTITEL,  
        SUBSTRING(ORIGINALTITEL, 2, 5) TEIL_ORIGINALTITEL,  
        PATINDEX('%s%', ORIGINALTITEL) SUCHE_S  
FROM    MedienBibliothek.dbo.DVD;
```

ABC ORIGINALTITEL	ABC TEIL_ORIGINALTITEL	123 SUCHE_S
Casablanca	asabl	3
James Bond 007	ames	5
Der Pate	er Pa	0
Taxi Driver	axi D	0
Stirb langsam	tirb	1

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