

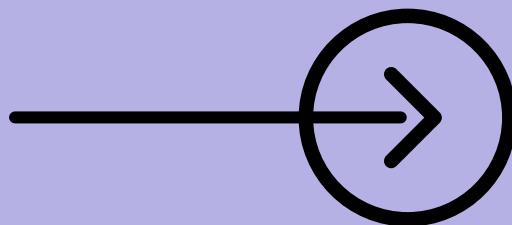
Part - 5

Advanced SQL Interview

Q & A

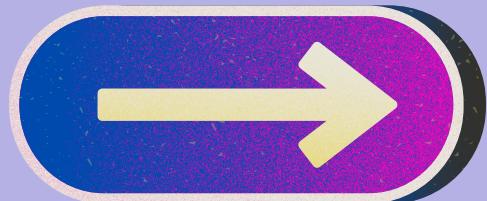


Krishan kumar
@Krishan kumar



How can you convert a text into date format ?

**Consider the given text as
31-01-202**



Convert a text into date format:

→ To convert a text into a date format in SQL, you can use the **CAST** or **CONVERT** functions, specifying the appropriate format for the input text.

Here's how you can convert the given text '31-01-2023' into a date format:



Can you explain both functions with an example

Example:

→ Using CAST Function:



```
SELECT CAST('31-01-2023' AS DATE) AS ConvertedDate;
```

→ Explanation:

The CAST function converts an expression of one data type to another.

In this case, it converts the text '31-01-2023' into a date format.



How we got this using CONVERT Function

Example:

→ Using CONVERT Function:



```
SELECT CONVERT(DATE, '31-01-2023', 105) AS  
ConvertedDate;
```

→ Explanation:

The CONVERT function is similar to CAST but allows you to specify a style parameter to indicate the format of the input text.

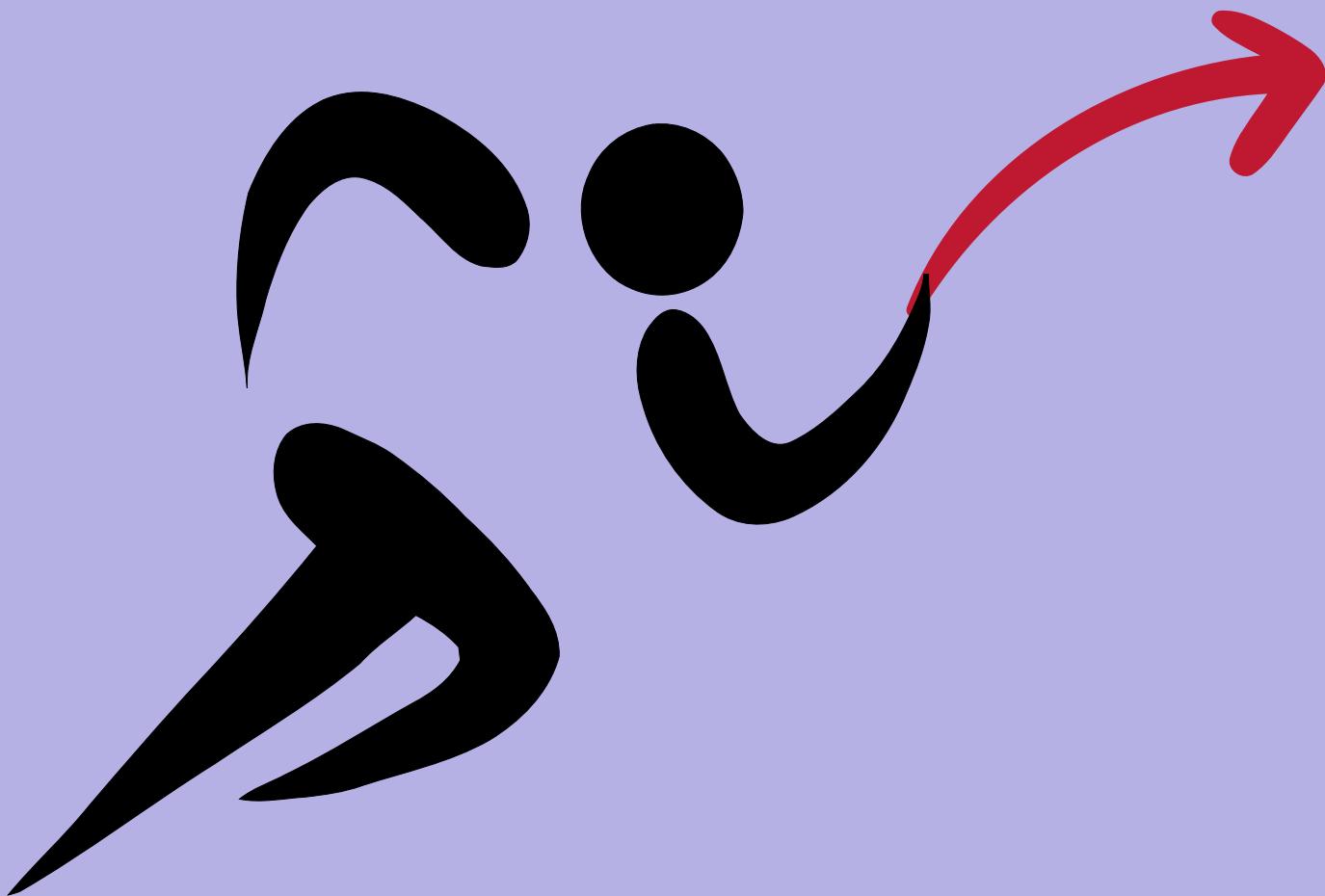
Here, style 105 corresponds to the Italian date format 'dd-mm-yyyy'.



I noted some key Points: for you

Key Tips:

- ➡ • **Input Format:** Ensure that the input text matches the specified format for date conversion.
- **Date Format Codes:** Different databases may use different style codes for date formats. Refer to the documentation for your specific database system for the correct style code.



Swipe for the jackpot of the day 😊





wanna see some
Counter Questions



1. What is the difference between CAST and CONVERT functions?

→ **CAST is ANSI standard and widely used for converting data types without format specifications.**

CONVERT allows additional format options via style codes, but its usage can vary slightly across database systems.

Next Question



2. Can I use these functions for other date formats?

→ Yes, you can specify different formats in **CONVERT** by changing the style code.

For instance, style 101 is for the U.S. format mm-dd-yyyy.



Next Question

3. How does the database handle invalid date formats?

- If the text doesn't match the specified date format, the query may result in an error or NULL.

It's essential to validate formats before conversion.



Next Question

4. Can I format dates without changing their data type?

- Yes, you can use **FORMAT()** or database-specific date functions to display dates in various formats without converting the data type.



5. What if I need to convert dates in bulk?

→ You can apply **CAST** or **CONVERT** in the **SELECT** statement for each row,

Or create a view to handle all date conversions automatically.



you completed one interview question
with me,

can you do me a favour



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