

# Keypoints

1. SQL has several date functions that can be used to manipulate and calculate dates.
2. The GETDATE function can be used to retrieve the current date.
3. The DATEADD function can be used to add or subtract days, months, or years from a given date.
4. The DATEDIFF function can be used to calculate the difference between two dates in years, months, or days.
5. When using the DATEDIFF function, it is important to specify the order of the dates to get the correct result.
6. The DATEDIFF function can be used with the DATEADD function to calculate the age of employees by subtracting their birth date from the current date.
7. However, the DATEDIFF function alone may not always give accurate results, as it only calculates the difference in years and does not consider the specific day and month.
8. To calculate the age accurately, a CASE statement can be used to check if adding the calculated age to the birth date results in a date greater than the current date. If it does, subtract one from the calculated age.
9. It is important to use the correct syntax and order of arguments when using date functions in SQL.
10. Further detailed videos and step-by-step explanations can be found to help with understanding and using date functions in SQL.