

How to create a View in SQL

HELPING YOU ACHIEVE A BETTER DATABASE EXPERIENCE



WHAT THE HECK IS A VIEW?

A view allows users to see the information stored in a table without giving them complete access to the table's information. The amount of information viewed by users can be filtered and managed, depending on your needs.

WRITE A VIEW

CREATE VIEW -> Tell SQL to create a view.

AS -> Keyword to perform an action after the start condition is met

{ query } -> Information you want to show (*SELECT*)

GO -> Execute any other queries that may be next

```
CREATE VIEW { viewName }
AS
    { query }
GO
```

EXECUTE MULTIPLE QUERIES

To execute multiple queries, add the indicators **BEGIN** before the first query and **END** after the last one.

```
CREATE VIEW { viewName }
AS
    BEGIN
        { query1 }
        { query2 } ...
    END
GO
```

TIME FOR TESTING

Test your new view by executing a query. You may use the view's return statement as a SQL table, and treat it as such in any query you'd like.

```
SELECT * from { viewName }
```

ADD ENCRYPTION

To prevent users without access to database tables to read the view's contents, add the keyword **WITH ENCRYPTION** when defining the view

```
CREATE VIEW { viewName }
WITH ENCRYPTION
AS
    { query }
GO
```



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Source:

Creating New Views in SQL Server.
www.sqlservertutorial.net/sql-server-views/sql-server-create-view/