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A Stored Procedure:

- Accepts parameters
- Can NOT be used as building block in a larger query
- Can contain several statements, loops, IF ELSE, etc.
- Can perform modifications to one or several tables
- Can NOT be used as the target of an INSERT, UPDATE or DELETE statement.

A View:

- Does NOT accept parameters
- Can be used as building block in a larger query
- Can contain only one single SELECT query
- Can NOT perform modifications to any table
- But can (sometimes) be used as the target of an INSERT, UPDATE or DELETE statement.

Views	Materialized Views
Technically View of a table is a logical virtual copy of the table created by "select query" but the result is not stored anywhere in the disk and every time we need to fire the query when we need data, so always we get updated or latest data from original tables.	On other hand Materialized views are also the logical virtual copy of data-driven by the select query but the result of the query will get stored in the table or disk.
Views are generally used when data is to be accessed infrequently and data in table get updated on frequent basis.	On other hand Materialized Views are used when data is to be accessed frequently and data in table not get updated on frequent basis.

Summary:

Materialised view: a table on a disk that contains the result set of a query
View: a query that pulls data from the underlying table
Stored procedure: A stored procedure is a prepared SQL code that you can save, so the code can be reused over and over again.