Which Clause/Command to Use in Particular Scenario

Clause/ Command	Scenario
FROM	Get Data from a Particular Table
SELECT	Display certain Columns
WHERE	To display only Filtered Rows
CASE	To display both Filtered and Unfiltered Rows
When <condition> Then <value 1=""></value></condition>	To display both intered and offilitered hows
Else <value 2=""></value>	
End as <new column="" name=""></new>	
Life as sivew column values	
ORDER BY	Sort the Output Rows
LIMIT	Specify how many Output Rows should be displayed
OFFSET	Skip certain number of initial rows of the Output rows
OFFSET	Skip certain number of initial rows of the Output rows
Sub-Query in WHERE clause	Inner query's Output is needed for Filtering Outer Query Table
Sub-Query in FROM clause	Inner query's Output is fleeded for Filtering Outer Query Fable
Sub-Query III PROIVI Clause	Inner query's Output needs to be displayed
Correlated Sub-Query -> Looping Inner Query	The inner guery is executed once for each row of outer guery
It can be in SELECT clause or WHERE clause	Can do the work of Window Function
The can be in Select clause of White clause	Can do the work of Window i direction
JOIN	Horizontally Merge multiple Related tables
INNER JOIN	Merge only Matching Rows
LEFT JOIN	Merge all rows of Left Table & Matching Rows of Right Table
RIGHT JOIN	Merge all rows of kight Table & Matching Rows of Left Table Merge all rows of Right Table & Matching Rows of Left Table
OUTER JOIN	Merge both Matching and Non-Matching Rows
OUTER JOIN	Weige both Matching and Non-Matching Rows
SELF JOIN	
SELF JOIN SELF JOIN -> One Row JOINED to One Row	Self-Referencing Table. Table has Relationship with itself.
SELF JOIN -> OHE KOW JOINED to OHE KOW	Example -> Question related to employee and his manager
SELF JOIN -> One Row JOINED to Many Rows	Example -> Question related to employee and his manager Example -> List of possible couples from Matrimony data table
SELF JOIN -> OHE NOW JOINED to Many Nows	Example -> List of possible couples from Mathinory data table
A manage to Film at it was	Accuse to Entire Table into 1 years
Aggregate Functions	Aggregate Entire Table into 1 row
GROUP BY and Aggregate Functions	Aggregate some rows to get Consolidated rows
GROUP BY + HAVING and Aggregate Functions	To Filter on the basis of Aggregated/Consolidated row info
Get Items Count of Flexibly Merged Groups	SUM (IF (Profession in ('Army', 'Navy'), 1, 0) as Defense_count
Window Functions	Display both Row level data & Aggregated/Analytical data in a Row
Function ()	Basic Syntax
Over (Partition by Order by Rows Between)	Susio Syricax
Aggregate Functions	Display both Row level data & Aggregated data in a Row
RANK, ROW_NUMBER, DENSE_RANK	Rank the rows based on value in 1 or more Column(s)
NTILE	Divide rows into Categories based on value in 1 or more Column(s)
LAG, LEAD	To show data from next/previous row in a row
LAG, LLAD	10 Show data from nexty previous fow in a fow
	To get Aggregated or Analytical data from certain range of Preceding,
Window Frame	Current and Following rows.
willdow Frame	Modifies the basic frame created by 'Partition by' clause
FIRST_VALUE, LAST_VALUE, NTH_VALUE	Get First, Last or Nth value in a Frame
71131_V/1202, B/01_V/1202, WIII_V/1202	detribly East of Mili Value III a Traine
Different Window Frames	Scenarios to use these Window Frames
Unbounded Preceding and Unbounded Following	Get Largest or Smallest Value in a Frame
Unbounded Preceding and Current Row	Get Cumulative/Running Sum (Default Frame)
1 Preceding and 1 Following	Moving Window Frame of 3
T Freceding and T Following	INIOVING WINDOW FIGHTE OF 3
LINION	Vertically Manne modified and L. L. C.
UNION	Vertically Merge multiple tables having same Columns
CTE	To simplify a Complex query with many Sub-Queries
VIEWs	For Frequently used Query AND For Access management