Feature	Where	HAVING
Usage	deorbind Eillers rows petore	Filter groups after Croop by
Works With	SELECT, UPDATE, DELETE	SELECT (only with GROUP BY)
Used On	Individual rows	(aggregates)
Can Use Aggoegales?	IND Connot use SUM, COUNT, etc.)	Wes (can use SUM, COUNT, etc.)
Example	Select * From sales Where price 7100;	Select Category, SUM(price) From Sales Group By category Having Sum (price) 7 500;
Order of Execution of SQL Statement:		
FROM - Delexmines the tables involved		
JOIN -> Combines tables it necessary.		
WHERE -) Filters rows based on columns. Croup by -) Groups data based on columns.		
- Having - Filters grouped dota.		
Select - Chooses the columns to display. Order by - Sorts the results.		
- Order by - Sorts the results.		
LIMIT - Limits the number of rows		

In SOL, keys are used to identify densure the integrity of data in tables. They play a coucial role in managing relationships by tables of ensuring that data remains consident.

- 1. Psimary key: A primary key is a unique identifier too each record in a table. It ensures that each row has a unique value & connot be NULL.
- It is used to uniquely identify records in a table.

 Only one primary key can exist in a table

 Automatically entorces uniqueness & non-nullability.

- 2. Candidate key! A candidate key is a set of one or more afforbules that can uniquely identify a second in a table. Every candidate key is a potential primary key.
- A candidate key can be chosen as the primary keys.

 They must be unique & non-null.
 - Ex: In a table, if Employee ID & Email are both unique allabores that could sexue as the primary keys, the both Employee ID & Email are Candidate keys.
- 5. Unique Key: Ensures all values in the column are unique Allows NULL values (but only one NULL per column)

- 3. Super key: A super key is a set of one or more attributes that can uniquely identify a record in a table. It may contain extra attributes that are not necessary for uniqueness (i.e., it could be a suspensely of a candidate key).
- Every primary key is a super key, but not every super key is a primary key.

- A Super key can have additional attributes beyond the minimal unique identifiers.

Ex: In the case of Employee ID & Email, a Super key could be Employee ID, Name.

(Since Employee ID alone is enough to uniquely identify

(since Employee ID alone is enough to uniquely identify, but adding Name makes it a super key.)

- 4. Foreign key: A foreign key is an attributes Cor set of attributes) in one table that is used to link to the primary key in another table. It establishes of enforces a relationship by two tables.
 - Ensure referential integrity b/w 2 tables (i.e. ensures that data in one table corresponds to valid data in another)

- It can have duplicate values & NULLs, depending on the

that links to the EmployeeID in the Employees tables.

ext: coeale table orders (OrderID int Primary key, EmployeeID int, foseign (Key (EmployeeID)) Reference (Employees (EmployeeID));