Grouping Results sets

- Aggregate functions
- Eliminate duplicates from result sets
- Describe how to further restrict a result set

Aggregate Functions

Aggregate Functions - An aggregate function performs a calculation on a set of values, and returns a single value.

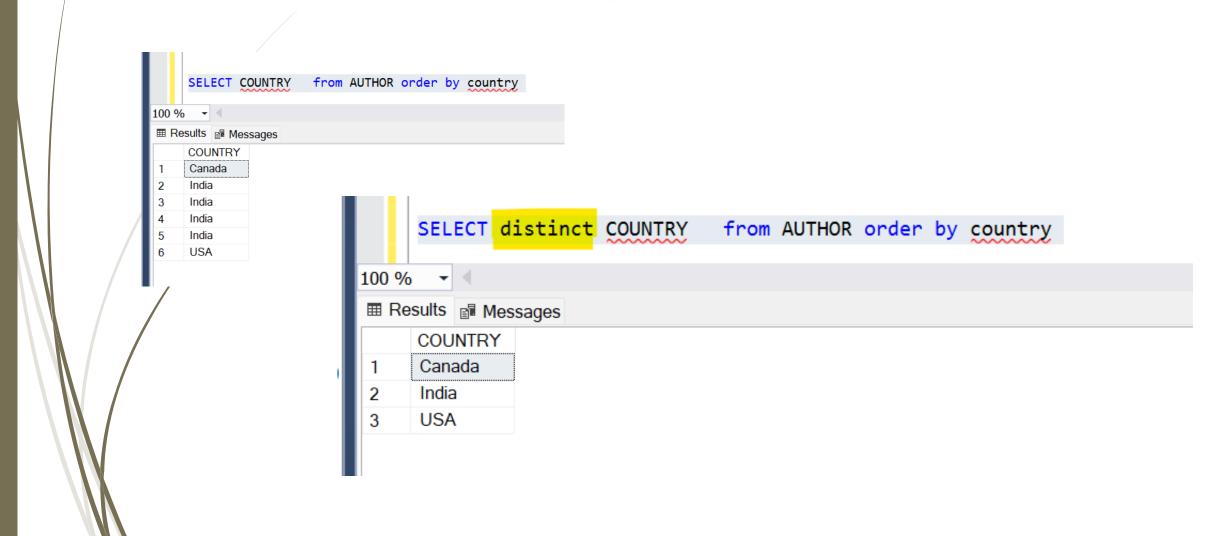
Aggregate functions are often used with the GROUP BY clause of the SELECT statement.

Use Aggregate Functions as Expressions only in following situations:

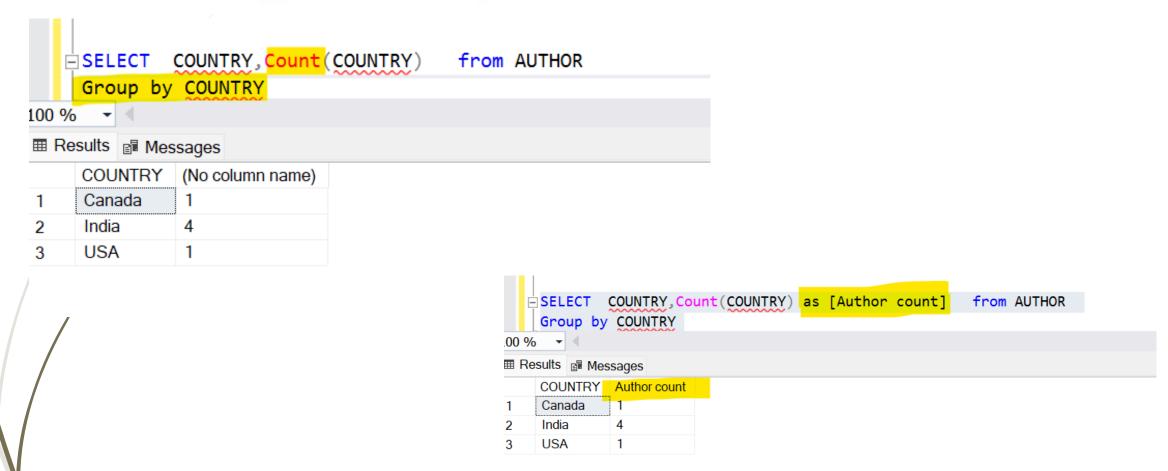
- The select list of a **SELECT** statement (either a subquery or an outer query).
- •A HAVING clause.

- SUM
- AVG
- COUNT
- GROUPING
- GROUPING_ID
- MAX
- MIN
- VAR
- VARP

Eliminate Duplicates



Using Group BY



Using Group BY Having Clause

