Aggregate function Most Used Aggregate Functions Aggregate function performs a calculation on multiple values and sustains a single value And Aggregate functions are often used with GROUP BY & SELECT statement. COUNTC) - oretweens number of values. SUM() - outurns sum of all values. AVG() - vietuens average value. (MAXI) - returns maximum value. MIN() - seturn minimum value. ROUND() - Rounds a number to a specified number of decimal places Group By & Having clause Group By Statement The GROUP BY statement group rows that have the same values into summ any rows. It is often used with aggregate functions (COUNTC), MAXC), MINC), SUM(), AVGC)) to group the cresult - set by one or more columns.

SELECT column-name, FROM table-name GROUP BY column-name (S);

Example SELECT mode, SUM (amount) AS total FROM payment CAROUP BY mode BLOS BATT GORE HAVINO Clouse The 'HAVING' clause is used to apply a filter on the westly of GROUPBY based on the specified condition. The IWHERE clause places conditions on the selected columns, whereas the HAVING! clause places conditions on groups created by the 'CAROUPBY' clause. FROM Talle. Syntax: 1000 MTHONE AST PAUD ON PASH 8 SELECT column-nome FROM table-nome WHERE condition HAVING Condition Example SELECT mode, COUNT (amount) As total GROUP BY mode. HAVING COUNT (amount) >= 3 ORDER BY total DESC Timestomp & Extract TIMESTAMP The 'TIMESTAMP' data type is used for values that wortain both data and time parts. TIME - contains only time, format HH: MI:SS DATE - contains on data, format 4444-MM-DD YEAR - contains on year, formal 4444 or 44 TIMESTAMP - coortains late and time, format 4444-MM-DD HH: MI:58 TIMESTAMPTZ - confains date, time and time cone

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Below are the TIMESTAMP functions and operators in sal:

SHOW TIMEZONE SELECT NOW() SELECT TIME OFDAY() SELECT CURRET TIME SE LECT CURRET - DATE

EXTRACT Function

INHERE; clause places o The EXTRACT() function extracts a part from a given date value.

SYNTAX: SELECT EXTRACT (MONTH FROM date field)

FROM Table. O YEAR O QUARTER O MONTH O WEEK O DAY O HOUR O MINUTE ODOW-day of week

THE HAVING' clause

WHERE and Hor

O DOY-day of years.