

Using Grouping Function

	No	Function	Description	Using
Basic statistics	1	Avg	Returns the Statistical mean	AVG([{Distinct All}] <n>)
	2	Count	Returns the number of non-Null rows	COUNT([{* Distinct All}] <x>)
	3	Max	Returns the largest value	MAX ([{Distinct All}] <x>)
	4	Min	Returns the smallest value	MIN ([{Distinct All}] <x>)
	5	Sum	Adds all values and returns the result	SUM ([{Distinct All}] <x>)
Standard Deviation	1	Stddev	Returns the standard deviation	STDDEV ([{Distinct All}] <x>)
	2	Stddev_pop	Returns the population standard deviation	STDDEV_pop ([{Distinct All}] <x>)
	3	Stddev_samp	Returns the sample standard deviation	Stddev_samp ([{Distinct All}] <x>)
	4	Var_pop	Returns the population variance	Var_pop ([{Distinct All}] <x>)
	5	Var_samp	Returns the sample variance	Var_pop (<x>)
	6	Variance	Returns the sample variance or 0 for sample size 1	Variance([{Distinct All}] <x>)
Function on pairs	1	Corr	Returns the coefficient of correlation of number pairs	Corr(<y>,<x>)
	2	Covar_pop	Returns the population covariance of number pairs	Covar_pop(<y>,<x>)
	3	Covar_samp	Returns the sample covariance of number pairs	Covar_samp(<y>,<x>)
Functions within group	1	Cume_dist	Returns the cumulative distribution of values within groupings	Cume_dist (<val_list>) within group (order by col_list [ASC DESC] [NULLS {first last}])
	2	Dense_rank	Returns the ranking of rows within an ordered group, without skipping ranks on ties	Dense_rank (<val_list>) WITHIN GROUP (ORDER BY col_list [ASC DESC] [NULLS {first last}])
	3	Percent_rank	Returns the percentile reanking of the specified value	Percent_rank (<val_list>) within group (order by col_list [Asc Desc] [Nulls {first last}])
	4	Rank	Agg_function keep(Dense_rank {first last} order by col_list [Asc desc] [Nulls {first last}]))	Rank (<val_list>) withing group (order by col_list [Asc Desc] [Nulls {first last}])
keep	1	Keep	Modifies other aggregate functions to return expressions based on ordering of the secondary column expression	Agg_function keep(Dense_rank {First Last} order by col_list [ASC Desc] [Nulls {first last}]))
percentile position	1	Percentile_cont	Returns the interpolated value that would fall in the specified percentile position using a continuous model	Percentile_cont(<x>) within group (order by col_list [Asc Desc])
	2	Precentile_desc	Returns the interpolated value that would fall in the specified percentile position using a discrete model	Percentile_disc(<x>) within goup (order by col_list [ASC Desc])

	No	Function	Description	Using
Linear- regression function	1	Regr_avgx	Returns average x value in non-null (y,x) pairs	Regr_avgx(<y>,<x>)
	2	Regr_avgy	Returns average y value in non-Null (x,y) pairs	Regr_avgy(<y>,<x>)
	3	Regr_count	Returns number of non-null (y,x) pairs	Regr_count(<y>,<x>)
	4	Regr_intercept	Returns the linear regression y intercept	Regr_intercept(<y>,<x>)
	5	Regr_r2	Returns the linear regression coefficient of determination	Regr_r2(<y>,<x>)
	6	Regr_slope	Returns the linear regression slop	Regr_slope(<y>,<x>)
	7	Regr_sxx	Returns the sum of the squares of the independent variable expression	Regr_sxx(<y>,<x>)
	8	Regr_sxy	Returns the sum of the squares of dependent variable expression	Regr_sxy(<y>,<x>)
	9	Regr_syy	Returns the sum of the squares of the dependent variable expression	Regr_syy(<y>,<x>)

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