

**List of SoftCAAT Ent SQL BI Functions with Brief Descriptions**

No.	Tab (T)	Panel (P)	Functions (F)	Tool Tips/Brief Descriptions	Type
1	Profile			Data profiling refers to the act of analysing the data contents to get an overall perspective of data. This helps in validating data at a macro level and assessing whether the data is correct and complete.	T
2	Profile	Statistics		Displays the topmost or bottommost 'x' number of records in a column.	P
3	Profile	Statistics	Top / Last X	Displays the topmost or bottommost 'x' number of records in a column.	F
4	Profile	Stratify		Provides options to group numeric, date and character data into specific strata.	P
5	Profile	Stratify	Numeric	Groups numeric data into different strata based on intervals.	F
6	Profile	Stratify	Date	Groups dates into different strata based on intervals.	F
7	Profile	Stratify	Character	Groups characters into different strata based on intervals.	F
8	Profile	Stratify	Key Field	Groups numeric data into different strata based on intervals. Data is displayed based on selected values.	F
9	Profile	Stratify	Aging 2 Fields	Computes difference of selected two columns and stratifies on specified intervals for computed date difference.	F
10	Profile	Summarize		Provides options to summarize numeric data.	P
11	Profile	Summarize	Quick	Groups each distinct value in a numeric column and displays corresponding count and sum with options to perform further analysis by computing on selected fields/compare with other existing/result fields to identify exceptions.	F
12	Profile	Summarize	Key Field	Groups each distinct value in a numeric column and displays corresponding count and sum. Data is displayed based on selected keyfield.	F
13	Profile	Summarize	Classify	Groups each distinct value in a character column and displays corresponding count/ sum with option to display average, min. & max. value for each group with options to perform further analysis by computing on selected fields/compare with other existing/result fields.	F
14	Profile	Summarize	Aging	Groups and totals all records that are within and beyond the aging date based on the specified aging intervals.	F
15	Profile	Totals		Provides options to compute count, sum and cumulative total.	P
16	Profile	Totals	Count/Sum	Displays count/sum of values in the selected numeric range/columns with options to perform further analysis by computing on selected fields/compare with other existing/result fields.	F
17	Profile	Totals	Avg \ Min \ Max	Displays Average \ Min. \ Max. for selected numeric range/columns.	F
18	Profile	Totals	Cumulative	Displays cumulative total or sub-total for the selected numeric column.	F

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19	Profile	Classification		Provides options to groups items as per statistical classification and displays items in groups as quadrants, percentiles, clusters and patterns.	P
20	Profile	Classification	Quadrants	Displays items in four quadrants as per the specified the percentage for each category for selected two numeric columns.	F
21	Profile	Classification	Percentiles	Displays items in specific percentages as per default/specified percentage for a selected column with option to group by a specific field.	F
22	Profile	Classification	Clusters	Displays summary of data for selected column with option to group by specified field so that each cluster has data of similar characteristics as specified.	F
23	Profile	Classification	Patterns	Displays in selected ascending/descending order (based on count/sum/product) the summary of groups of data for selected column with option to group by specific field.	F
24	Profile	Data		Provides options to analyse data to understand overall perspective at macro level.	P
25	Profile	Data	Extract	Extract the selected column.	F
26	Profile	Data	Export	Export current table values to new file with selected delimiter option.	F
27	Profile	Data	Text2Col	Segregate single column to multiple column with selected split option.	F
28	Profile	Search		Provides options to find/ find and replace data based on specified inputs.	P
29	Profile	Search	Column(s)	Finds the specified value in the selected columns.	F
30	Profile	Search	Rows	Finds one or multiple values in the same row.	F
31	Profile	Search	MultValues	Finds one or multiple values in the current Table.	F
32	Profile	Search	&Replace Mult	Finds and replaces multiple values in the current column.	F
33	Relate			Provides options to join, append or compare data in two tables based on specific criteria.	T
34	Relate		Join	Displays records after joining data from two tables based on common/ uncommon column values.	F
35	Relate		3-Way Matching	Displays records after joining data from up to three tables based on common/ uncommon column values.	F
36	Relate		Append	Displays records after appending multiple tables with the matched/unmatched record structure.	F
37	Relate		Consolidate	Displays the consolidated count and sum of each distinct value in the selected column in multiple tables.	F

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38	Relate		Compare	Displays the count, sum/difference of two or more similar columns from two different tables with options to see results of different types of comparison in a separate Table.	F
39	Relate		Cross Tab	Transpose and summarize large amounts of data for a 3-D view.	F