

**List of SoftCAAT EntSQL Functions with Brief Descriptions**

No.	Tab (T)	Panel (P)	Functions (F)	Tool Tips/Brief Descriptions	Type
1	Analysis			Analysis refers to examining the data in detail to discover essential features by breaking data into specific components by grouping, identifying and reviewing specific features.	T
2	Analysis	Identify Duplicates		Provides options to identify duplicates and unique values.	P
3	Analysis	Identify Duplicates	Duplicates	Display all duplicate records in the selected columns.	F
4	Analysis	Identify Duplicates	Uniques	Display all records that are unique in the selected columns,	F
5	Analysis	Identify Duplicates	&Remove	Displays all unique records and one record form each of the duplicate records.	F
6	Analysis	Identify Duplicates	SameSameDiff	Displays records where the values in one/more selected columns are same but different in another column.	F
7	Analysis	Identify Duplicates	Same Row	Displays duplicate values (character/ date/ numeric) in the same row.	F
8	Analysis	Gaps		Provides options to Identiy gaps in numeric, date and character values based on intervals.	P
9	Analysis	Gaps	Numeric	Displays all successive numeric records whose difference is within the given interval.	F
10	Analysis	Gaps	Date	Displays all successive date records whose difference is within the given interval.	F
11	Analysis	Gaps	Character	Displays all successive alphanumeric records whose difference is within the given character mask.	F
12	Analysis	Outliers By		Provides options to display records that do not match a specified character mask or value.	P
13	Analysis	Outliers By	Mask	Displays records that do not match a defined mask where 'C' represents characters and 'N' represents numbers.	F
14	Analysis	Outliers By	Bounds	Displays records whose mask matches the selected condition. Also finds records that match a value at specific positions.	F
15	Analysis	Outliers By	Numbers	Displays records that exceeds 'x' number of times, the average/standard deviation of the selected numeric column.	F
16	Analysis	Identify		Provides options to data based on specific format as per identify format.	P
17	Analysis	Identity	Format	Identifies the format of each row in the selected column as 'C' for characters and 'N' for numbers with options to show field length and identify exceptions.	F
18	Analysis	Change Seq.		Provides options to display changes in date/numeric columns, values in cells/rows in selected table.	P
19	Analysis	Change Seq.	Date	Finds the difference between two successive dates.	F
20	Analysis	Change Seq.	Numeric	Displays missing values in a numeric sequence.	F

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21	Analysis	Change Seq.	Compare	Compares all values of two selected Tables and displays differences between cells, rows added or deleted.	F
22	Analysis	Change Seq.	Identify	Compares two Tables cell-by-cell and Displays all changes or non-changes and displays comments with changes or a list of changes.	F
23	Analysis	Fuzzy Match		Provides options to arrange, normalise, find near/similar data by applying fuzzy logic. Find words with phonetic similarities (similar sounding words with the same / different spelling).	P
24	Analysis	Fuzzy Match	Arrange	Displays similarities in two values by eliminating transposition.	F
25	Analysis	Fuzzy Match	Near	Compares two values or columns and returns true if the specified difference between two fields is equal to or less than the specified difference otherwise returns false.	F
26	Analysis	Fuzzy Match	Normalize	Removes special characters, multiple spaces, leading and trailing spaces in a column.	F
27	Analysis	Fuzzy Match	Similar	Compares two values and applies transformation to find strings that are similar.	F
28	Analysis	Fuzzy Match	Soundex	Soundex displays the four-digit Soundex code for selected/ specified data from columns to identify exact/ approximate phonetic similarities.	F
29	Analysis	Fuzzy Match	SoundsLike	SoundsLike displays similarity of words from two columns based on exact/ approximate Soundex codes.	F
30	Analysis	Sort		Provides options to sorts the data in one or more table based on selected options.	P
31	Analysis	Sort & Filter	Ascend	Sort data on multiple criteria	F
32	Analysis	Sort & Filter	Descend	Sort data on multiple criteria	F
33	Analysis	Sort & Filter	Fields	Sort data on multiple criteria based on selected column	F
34	Analysis	Filter		Provides options to apply or remove dynamic filters.	P
35	Analysis	Filter	Select	Displays all records that are the same as selected columns.	F
36	Analysis	Filter	Clear	Removes all applied filters.	F

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No.	Tab (T)	Panel (P)	Functions (F)	Tool Tips/Brief Descriptions	Type
37	Analysis	Split Table By		Provides options to splits the current table into multiple tables based on date, column values and by segment.	P
38	Analysis	Split Table By	Group	Splits the current table into multiple tables based on each distinct value.	F
39	Analysis	Split Table By	Date	Splits the current table into multiple tables based on the selected period.	F
40	Analysis	Split Table By	Segment	Displays the specified split value of a column based on the selected delimiter.	F
41	Analysis	Split Table By	Values	Splits the current table into multiple tables based on specified values.	F
42	Analysis	Split Table By	DateTime	Splits combined date and time column into separate columns of date and/or time as specified.	F
43	Analysis	Split Table By	Columns	Splits the current worksheet into specific number of worksheets and creates new worksheets with common and unique colume as specified.	F