

List of SoftCAAT EntSQL Functions with Brief Descriptions

No.	Tab (T)	Panel (P)	Functions (F)	Tool Tips/Brief Descriptions	Type
1	Investigate			Investigate refers to observing or inquiring the data in detail. This involves systematic examination of data by making a detailed inquiry or search to discover facts and insights to be able to come to a conclusion.	T
2	Investigate	Investigate	MIS	Displays the count, total, minimum, maximum and average of records for the selected period.	F
3	Investigate	Query		Provides options to query and analyse based on exceptions, numbers, characters and verify numerical data.	P
4	Investigate	Query	Numeric	Displays numbers which are rounded off, 999, 0 and those which begin and/or end with specific numbers and also blank cells in the selected numeric column.	F
5	Investigate	Query	Characters	Displays characters that begin and/or end with specific letters or words.	F
6	Investigate	Query	Exceptions	Displays records based on up to three AND/OR conditions.	F
7	Investigate	Query	List2Find	Displays items for selected list for date, numeric or character fields.	F
8	Investigate	Query	List to Filter	Filters/Extracts & Displays items for selected field for (single/multiple inputs) of date, numeric or character types.	F
9	Investigate	Query	Filter & Extract	Displays not just rows but the complete voucher details for the specified ledger/field and combination of selected common field(s).	F
10	Investigate	Query	DynQuery	Displays specific records based on the selected values/ condition.	F
11	Investigate	Statistics		Provides options to advanced statistical functions such as trend analysis, Benford's law, and correlation.	P
12	Investigate	Statistics	BenfLaw	Displays variance in patterns of numeric data based on Benford's Law.	F
13	Investigate	Statistics	Trend Analysis	Displays the difference between actual values and trend-fit values based on patterns of numeric data.	F
14	Investigate	Statistics	Time Series	Displays the difference between actual values and trend-fit values based on patterns of numeric data.	F
15	Investigate	Statistics	Correlation	Displays the linear relationship between two numeric columns.	F
16	Investigate	Templates		Provides options to provides ready-made templates for verifying patterns of data, authentication check, analytical review and insert multiple copies of selected table.	P
17	Investigate	Templates	Validate Patterns	Finds variances in patterns of standard formats such as PAN, TAN, GSTIN, Aadhar numbers and user specified criteria.	F
18	Investigate	Templates	Validate GSTIN	Displays whether selected single GSTIN or multiple GSTIN as per selected column is valid/invalid and provides specific category of assessee.	F

List of SoftCAAT EntSQL Functions with Brief Descriptions

No.	Tab (T)	Panel (P)	Functions (F)	Tool Tips/Brief Descriptions	Type
19	Investigate	Templates	Luhn Algorithm	Finds records that are in conformance to Luhn Algorithm for credit card numbers (12 to 19 digits) in the selected columns.	F
20	Investigate	Templates	AuthenCheck	Displays the records by joining two tables based on common field on specific condition.	F
21	Investigate	Templates	Analytical Review	Displays the difference between values of two numeric columns in number and in percentage.	F
22	Investigate	Templates	Back Trans	Identify back-dated entries based on sequential relationship of Numeric/AlphaNumeric field and Date field and also identify duplicates (on primary field) or gaps for selected field (numeric/date).	F
23	Investigate	Templates	Compute Age	Compute age based on current date/ specified date on the selected date column.	F
24	Investigate	3D Reports		Provides options to generate month-wise breakup for various reports such as MIS, Stratify numeric/character/aging and aging on selected intervals.	P
25	Investigate	3D Reports	Stratify-Numeric	Displays the Month-wise break-up by Grouping numeric data into different strata based on selected intervals.	F
26	Investigate	3D Reports	Stratify-Character	Displays the Month-wise break-up by Grouping character data into different strata based on selected intervals.	F
27	Investigate	3D Reports	Stratify-Aging	Displays the Month-wise break-up by Grouping date-related data into different strata based on selected intervals.	F
28	Investigate	3D Reports	MIS	Displays the Month-wise break-up for selected options in MIS reports such as: Day of week, Day of Year, Day of Month, etc.	F
29	Investigate	3D Reports	Aging	Displays the Month-wise break-up for selected options of ageing intervals.	F