

List of S-CAAT Functions with Brief Descriptions

No.	Panel	Menu	Sub Menu	Function	Tool Tips/Brief Description	Type
1	Analyse				Analyse refers to examining the data in detail to discover essential features by breaking data into specific components by grouping, identifying and reviewing specific features.	P
2	Analyse	Identify			Identifies gaps, duplicates, outliers and format.	M
3	Analyse	Identify	Duplicates		Identifies duplicate and unique values.	SM
4	Analyse	Identify	Duplicates	Identify Duplicates	Displays all duplicate records in the selected columns.	F
5	Analyse	Identify	Duplicates	Identify Uniques	Displays all records that are unique in the selected columns.	F
6	Analyse	Identify	Duplicates	Remove Duplicates	Displays all unique records and one record from each of the duplicate records.	F
7	Analyse	Identify	Duplicates	Same Same Different	Displays records where the values in one/more selected columns are same but different in another column.	F
8	Analyse	Identify	Duplicates	In Same Row	Displays duplicate values (character/ date/ numeric) in the same row.	F
9	Analyse	Identify	Gaps		Identifies gaps in numeric, date and character values based on intervals.	SM
10	Analyse	Identify	Gaps	Numeric	Displays all successive numeric records whose difference is within the given interval.	F
11	Analyse	Identify	Gaps	Date	Displays all successive date records whose difference is within the given interval.	F
12	Analyse	Identify	Gaps	Character	Displays all successive alphanumeric records whose difference is within the given character mask.	F
13	Analyse	Identify	Outliers		Display records that do not match a specified character mask or value.	SM
14	Analyse	Identify	Outliers	By Mask	Displays records that do not match a defined mask where 'C' represents characters and 'N' represents numbers.	F
15	Analyse	Identify	Outliers	By Bounds	Displays records whose mask matches the selected condition. Also finds records that match a value at specific positions.	F
16	Analyse	Identify	Outliers	By Numbers	Displays records that exceeds 'x' number of times, the average/standard deviation of the selected numeric column.	F
17	Analyse	Identify		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	Analyse	Identify		Mandatory Data	Displays rows with cells which have blanks or spaces or both (missing data) for specified columns,	F

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19	Analyse	Sampling			Extract specific samples from the population based on specified criteria.	M
20	Analyse	Sampling	By Selection		Displays specific no. of selected records based on specific criteria such as Interval, Numbers or Top 'X' (Group By).	SM
21	Analyse	Sampling	By Selection	Interval	Displays every nth record based on the interval given.	F
22	Analyse	Sampling	By Selection	Numbers	Display specific number of records picked at random/Top 'x' based on number/percentage.	F
23	Analyse	Sampling	By Selection	TotCount	Displays specific number of records from total count of records with option to select based on Groups.	F
24	Analyse	Sampling	By Criteria		Displays specific no. of selected records based on specific criteria as selected based on search, query, exceptions. List of values, statistics, outliers and duplicates.	SM
25	Analyse	Sampling	By Criteria-Analysis		Displays specific no. of selected records based on analysis on specified criteria as selected based on Numeric, Character, List of Values, Exceptions and Outliers.	SM
26	Analyse	Sampling	By Criteria	Analysis: Numeric	Displays specific number of records at random selected based on numeric analysis of specified columns.	F
27	Analyse	Sampling	By Criteria	Analysis: Character	Displays specific number of records at random selected based on Character analysis of specified columns.	F
28	Analyse	Sampling	By Criteria	Analysis: Outliers	Displays specific no. of records selected at random from results of Outlier function.	F
29	Analyse	Sampling	By Criteria	Analysis: Statistics	Displays specific number of records at random for each of the columns as selected.	F
30	Analyse	Sampling	By Criteria	Analysis: Exceptions	Displays specific number of records at random for specified list of exceptions.	F
31	Analyse	Sampling	By Criteria	Search	Displays specific number of records at random for each of the specified values of search.	F
32	Analyse	Sampling	By Criteria	Query	Displays specific number of records at random as per specific conditions of query.	F
33	Analyse	Sampling	By Criteria	List of Values	Displays specific number of records at random selected based on list of specified values for selected column.	F
34	Analyse	Sampling	By Criteria	Duplicates	Displays specific number of records at random for each set of results of duplicates.	F

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35	Analyse	Sampling	By Profile		Displays specific no. of selected records based on profiling of data such as strata, summary, grouping, aging, MIS and statistical classification.	SM
36	Analyse	Sampling	By Profile-Stratified		Displays specific no. of selected records based on profiling of stratified data such as numeric, date, character and aging.	SM
37	Analyse	Sampling	By Profile	Stratified: Numeric	Groups numeric data into different strata based on intervals. Records from any strata can be randomly picked based on a specified number or percentage.	F
38	Analyse	Sampling	By Profile	Stratified: Date	Groups date format data into different strata based on intervals. Records from any strata can be randomly picked based on a specified number or percentage.	F
39	Analyse	Sampling	By Profile	Stratified: Character	Groups character format data into different strata based on intervals. Records from any strata can be randomly picked based on a specified number or percentage.	F
40	Analyse	Sampling	By Profile	Stratified: Aging	Groups computed age difference of two date columns data into different strata based on specified intervals. Records from any strata can be randomly picked based on a specified number or	F
41	Analyse	Sampling	By Profile-Classification		Displays specific no. of records at random from results of statistical classification such as quadrants, percentiles, clusters or patterns.	SM
42	Analyse	Sampling	By Profile	Classification: Quadrants	Displays specific no. of records selected at random for four separate quadrants based on results of two numeric columns.	F
43	Analyse	Sampling	By Profile	Classification: Percentiles	Displays specific no. of records selected at random for selected percentile(s) data for two selected fields.	F
44	Analyse	Sampling	By Profile	Classification: Clusters	Displays specific no. of records selected at random for selected cluster(s) data for two selected fields.	F
45	Analyse	Sampling	By Profile	Classification: Patterns	Displays specific no. of records selected at random for selected pattern(s) data for two selected fields.	F
46	Analyse	Sampling	By Profile	Summarized	Displays specific no. of records selected at random for summarised results.	F
47	Analyse	Sampling	By Profile	Classified	Displays specific no. of records selected at random for classified results.	F

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48	Analyse	Sampling	By Profile	Aging (Periodicity)	Displays specific no. of records selected at random for results of aging function.	F
49	Analyse	Sampling	By Profile	MIS Details	Displays specific no. of records selected at random for results of MIS function.	F
50	Analyse	Sampling	By Analysis		Displays specific number of selected records based on analysis of data such as outliers, Pareto, ABC, ABCD and Quadrant analysis.	SM
51	Analyse	Sampling	By Analysis-Classifier		Selects specific no. of records at random from results of statistically classified groups (on x and y axis) such as quadrants, percentiles, clusters or patterns.	SM
52	Analyse	Sampling	By Analysis	Classifier: Quadrant	Displays specific no. of records selected at random for four separate quadrants.	F
53	Analyse	Sampling	By Analysis	Classifier: Percentile	Displays specific no. of records selected at random for selected percentile(s) data.	F
54	Analyse	Sampling	By Analysis	Classifier: Cluster	Displays specific no. of records selected at random for selected cluster(s) data.	F
55	Analyse	Sampling	By Analysis	Classifier: Pattern	Displays specific no. of records selected at random for selected pattern(s) data.	F
56	Analyse	Sampling	By Analysis	Pareto Details	Displays specific no. of records selected at random for two separate categories as per the Pareto (80:20) rule/specific percentage.	F
57	Analyse	Sampling	By Analysis	ABC Details	Displays specific number of records selected at random for three separate percentage categories as per ABC analysis.	F
58	Analyse	Sampling	By Analysis	ABCD Details	Displays specific number of records selected at random for four separate percentage categories as per ABCD analysis.	F
59	Analyse	Sampling	By Analysis	RSF Results	Displays specific no. of records selected at random for results generated using Relative Size Factor.	F
60	Analyse	Sampling	By Analysis	MVF Results	Displays specific no. of records selected at random for results generated using Max. Variance Factor.	F
61	Analyse	Sampling	By Analysis	Benford's Law	Displays specific no. of records selected at random for results of Benford Analysis.	F
62	Analyse	Changes			Display changes in date/numeric columns, values in cells/rows in selected Tables.	M
63	Analyse	Changes		Date Sequence	Finds the difference between two successive dates.	F
64	Analyse	Changes		Numeric Sequence	Displays missing values in a numeric sequence.	F

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No.	Panel	Menu	Sub Menu	Function	Tool Tips/Brief Description	Type
65	Analyse	Fuzzy Match			Arrange, normalise. find near/similar data by applying fuzzy logic. Find words with phonetic similarities (similar sounding words with the same / different spelling).	M
66	Analyse	Fuzzy Match		Arrange	Displays similarities in two values by eliminating transposition.	F
67	Analyse	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
68	Analyse	Fuzzy Match		Normalize	Removes special characters, multiple spaces, leading and trailing spaces in a column.	F
69	Analyse	Fuzzy Match		Similar	Compares two values and applies transformation to find strings that are similar.	F
70	Analyse	Fuzzy Match		Soundex / SoundsLike	Soundex displays the four-digit Soundex code for selected/ specified data from columns to identify exact/ approximate phonetic similarities. SoundsLike displays similarity of words from two columns based on exact/ approximate Soundex codes.	F
71	Analyse	Sort & Filter			Sort & filter data on multiple sheets/criteria	M
72	Analyse	Sort & Filter	Filter		Apply or remove dynamic filters.	SM
73	Analyse	Sort & Filter	Filter	Dynamic Filter	Displays all the records in the current Table in S-CAAT's result box, which can then be dynamically filtered.	F
74	Analyse	Split Sheet			Splits the current Table into multiple Tables based on date, column values and by segment.	M
75	Analyse	Split Sheet		By Group	Splits the current Table into multiple Tables based on each distinct value.	F
76	Analyse	Split Sheet		By Date	Splits the current Table into multiple Tables based on the selected period.	F
77	Analyse	Split Sheet		By Segment	Displays the specified split value of a column based on the selected delimiter.	F
78	Analyse	Split Sheet		By Value(s)	Splits the current Table into multiple Tables based on specified values.	F
79	Analyse	Split Sheet		By Date/Time	Splits combined date and time column into separate columns of date and/or time as specified.	F
80	Analyse	Split Sheet		By Columns	Splits the current Table into specific number of Tables and creates new Tables with common and unique columns as specified.	F