

List of Auto eCAAT Ent Functions with Brief Descriptions

No.	Panel	Menu (M)	Function (F)	Tool Tips / Brief Descriptions	Type
1	By Criteria			Performs the selected list of eCAAT functions, in succession from the selected functions of specific panel.	P
2	By Criteria	Investigate		Performs Classifier, Stratum, Comparative, Analysis, 3D-Reports, Query, Statistics - Bendford's Law, Append File, Validate, relate and Templates functions, in succession as specified and displays results in workbook/worksheets.	M
3	By Criteria	Investigate	Classifier - Quadrant Analysis	Displays items in four quadrants as per the specified percentage for each category.	F
4	By Criteria	Investigate	Classifier - Percentile Analysis	Displays items in specific percentages as per default/specific percentage given.	F
5	By Criteria	Investigate	Classifier - Cluster Analysis	Displays summary of groups of data from selected set of 2 columns such that each cluster has data of similar characteristics as specified.	F
6	By Criteria	Investigate	Classifier - Pattern Analysis	Displays in selected ascending/descending order (based on count/sum/product) the summary of groups of data.	F
7	By Criteria	Investigate	Stratum - Numeric	Groups numeric data and displays the data in different tabs for each strata.	F
8	By Criteria	Investigate	Stratum - Date	Groups date-related data and displays the data in different tabs for each strata.	F
9	By Criteria	Investigate	Stratum - Character	Groups character-related data and displays the data in different tabs for each strata.	F
10	By Criteria	Investigate	Comparative - CompareNColumn	Compares all values of two selected columns and displays differences between cells, rows added or deleted.	F
11	By Criteria	Investigate	Comparative - By Columns	Displays the count, sum/difference of two or more similar columns from same worksheets with options to see results of different types of comparison in a separate workbook.	F
12	By Criteria	Investigate	Comparative - By Files	Displays the count, sum/difference of two or more similar columns from two different worksheets with options to see results of different types of comparison in a separate workbook.	F
13	By Criteria	Investigate	Comparative - By Worksheets	Compares all values of two selected worksheets and displays differences between cells, rows added or deleted.	F
14	By Criteria	Investigate	Comparative - By Multiple Files	Displays the count, sum/difference of two or more similar columns from more than two different worksheets with options to see results of different types of comparison in a separate workbook.	F

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15	By Criteria	Investigate	Comparative - By Value	Displays the count, sum/difference for each of the rows for selected numerical columns based on specified columns from two selected worksheets.	F
16	By Criteria	Investigate	Comparative - By Strata	Displays the count, sum/percentage for each of the specified strata for selected numerical columns from two selected worksheets.	F
17	By Criteria	Investigate	Comparative - By Period	Displays the count, sum/percentage for each of the specified period stratas for selected date columns from two selected worksheets.	F
18	By Criteria	Investigate	Analysis - MIS	Displays the count, total, minimum, maximum and average of records for the selected period with options to perform further analysis by computing on selected fields/compare with other existing/result fields.	F
19	By Criteria	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
20	By Criteria	Investigate	3D-Reports - Stratify Numeric	Displays the Month-wise break-up by Grouping numeric data into different strata based on selected intervals.	F
21	By Criteria	Investigate	3D-Reports - Stratify Character	Displays the Month-wise break-up by Grouping character data into different strata based on selected intervals.	F
22	By Criteria	Investigate	3D-Reports - Stratify Aging	Displays the Month-wise break-up by Grouping date-related data into different strata based on selected intervals.	F
23	By Criteria	Investigate	3D-Reports - Aging	Displays the Month-wise break-up for selected options of ageing intervals.	F
24	By Criteria	Investigate	Analysis - Pareto Analysis	Displays items in two separate categories as per the Pareto (80:20) rule/specific percentage given for each category.	F
25	By Criteria	Investigate	Analysis - ABC Analysis	Displays items in three separate categories as per the specific percentage given for each category.	F
26	By Criteria	Investigate	Analysis - ABCD Analysis	Displays items in four separate categories as per the set criteria of low-low, low-high, high-low and high-high categories.	F
27	By Criteria	Investigate	Analysis - Aging	Groups date-related data and displays data in different intervals of data.	F
28	By Criteria	Investigate	Analysis - Day Of Week Analysis	Groups and displays data for each day of week in different tabs for each day.	F
29	By Criteria	Investigate	Analysis - Quarterly Analysis	Groups and displays data in four separate tabs for each of the quarters.	F
30	By Criteria	Investigate	Analysis - Monthly Analysis	Groups and displays data in twelve separate tabs for each of the months.	F

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31	By Criteria	Investigate	Analysis - RSF	Displays the variation between highest value and second highest value in terms of difference and multiple (difference/second highest value) for specified numeric column. Includes option to display above values based on lowest/second lowest.	F
32	By Criteria	Investigate	Analysis - MVF	Displays variation between maximum and minimum value and the differential factor in multiple (difference/minimum) for specified numeric column. Includes option to display above values for 2nd maximum and 2nd minimum.	F
33	By Criteria	Investigate	Analysis - Compute & Compare	Identify exceptions after computing on selected fields/comparing results with other existing/result fields.	F
34	By Criteria	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
35	By Criteria	Investigate	Query - Character	Displays characters that begin and/or end with specific letters or words.	F
36	By Criteria	Investigate	Query - Exception	Displays records based on up to three AND/OR conditions.	F
37	By Criteria	Investigate	Query - List To Find	Displays items for selected list for date, numeric or character fields.	F
38	By Criteria	Investigate	Query - List To Delete	Deletes selected list of rows for date, numeric or character data based on specified conditions and creates two new worksheets: List of deleted rows and List after deletion.	F
39	By Criteria	Investigate	Query - Verify Numbers	Compares two columns digit-by-digit to find missing digits and transposition errors.	F
40	By Criteria	Investigate	Statistics - Bendford's Law	Displays variance in patterns of numeric data based on Benford's Law.	F
41	By Criteria	Investigate	Append File - Matched Columns	Displays records after appending multiple worksheets with the same record structure.	F
42	By Criteria	Investigate	Append File - Unmatched Columns	Displays records after appending multiple worksheets with the unmatched record structure.	F
43	By Criteria	Investigate	Validate - Date	Displays date(s) within or beyond specified date from the primary date column after matching with secondary date column. Option to display dates available in secondary column not available in primary.	F
44	By Criteria	Investigate	Validate - Totals	Matches total of data grouped for two selected columns and displays data for which totals do not tally with option to display details or summary of unmatched items.	F

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45	By Criteria	Investigate	Validate - Duplicates	Identifies duplicates values by comparing values of two selected columns and displays results as: "duplicates in both" or "unique in both".	F
46	By Criteria	Investigate	Relate - Quick Join	Displays records (fully matched, all in primary, not in primary) by adding selected column (s) from secondary file after matching data from two selected worksheets based on column values.	F
47	By Criteria	Investigate	Relate - Join Files	Displays records after joining data from two worksheets based on common/ uncommon column values.	F
48	By Criteria	Investigate	Relate - Join & Compute	Displays records with sum for selected columns for each of the rows after joining data from two worksheets based on common/ uncommon column values.	F
49	By Criteria	Investigate	Relate - Multiple Join	Identify relationship between 2, 3 or more files based on selected field(s) and display results in horizontal/columnar for various options of matching/unmatching.	F
50	By Criteria	Investigate	Relate - Join & Compute Multiple	Identify relationship between 2, 3 or more files based on selected field(s) and compute sum for selected fields and display results in horizontal/columnar for various options of matching/unmatching.	F
51	By Criteria	Investigate	Relate - 3-Way Matching	Displays records after joining data from up to three worksheets based on common/ uncommon column values.	F
52	By Criteria	Investigate	Relate - Consolidate	Displays the consolidated count and sum of each distinct value in the selected column in multiple worksheets.	F
53	By Criteria	Investigate	Relate - Collate	Displays records after combining the selected/ specified data from two/more worksheets.	F
54	By Criteria	Investigate	Templates - Validate Patterns	Finds variances in patterns of standard formats such as PAN, TAN, GSTIN, Aadhar numbers and user specified criteria.	F
55	By Criteria	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
56	By Criteria	Investigate	Templates - Validate Email Ids	Displays whether email ids in the selected column(s) are valid/invalid by verifying the format & domain and provides options to extract them in one/two worksheets alongwith domain summary.	F
57	By Criteria	Investigate	Templates - Validate Domains	Displays whether domains in the selected column(s) are valid/invalid by verifying domain name from registry and provides options to extract them in one/two worksheets alongwith domain summary.	F

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58	By Criteria	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
59	By Criteria	Investigate	Templates - Authentication Check	Displays the records by joining two worksheets based on common field from single/multiple workbook and on specific condition.	F
60	By Criteria	Investigate	Templates - Existence Check	Verifies whether values in selected primary columns exist in selected secondary columns and provides option to display rows with values which exist or non-exists in both. Display results in result form in remarks column with "available" or "not available"	F
61	By Criteria	Investigate	Templates - Analytical Review	Displays the difference between values of two numeric columns in number and in percentage.	F
62	By Criteria	Investigate	Templates - Back-Dated Entries	Identify back-dated entries, duplicates/gaps based on selected numeric/alphanumeric field related to date field based on original/sorted order from active/selected workbook and display results as comments or new worksheet.	F
63	By Criteria	Investigate	Templates - Debit and Credit Column	Combines or segregates columns into debit and credit columns or a single column respectively.	F
64	By Criteria	Investigate	Templates - Compute Age	Compute age based on current date/ specified date on the selected date column.	F