

List of Auto eCAAT Ent Functions with Brief Descriptions

No.	Panel	Menu (M)	Function (F)	Tool Tips / Brief Descriptions	Type
3	By Criteria	Profile	Stratify - Numeric	Groups numeric data into different strata based on intervals.	F
4	By Criteria	Profile	Stratify - Date	Groups dates into different strata based on intervals.	F
5	By Criteria	Profile	Stratify - Character	Groups characters into different strata based on intervals.	F
6	By Criteria	Profile	Stratify - Aging	Computes difference of selected two date columns & stratifies on specified intervals for computed date difference.	F
7	By Criteria	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
8	By Criteria	Profile	Summarize - KeyField	Groups each distinct value in a numeric column and displays corresponding count and sum. Data is displayed based on selected keyfield.	F
9	By Criteria	Profile	Totals - Cum./Sub Total	Displays cumulative total or sub-total for the selected numeric column.	F
10	By Criteria	Profile	Classification - Quadrants	Displays items in four quadrants as per the specified percentage for each category for selected two numeric columns.	F
11	By Criteria	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
12	By Criteria	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
13	By Criteria	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
14	By Criteria	Profile	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
15	By Criteria	Profile	Group By	Groups each distinct value for selected column (s) (character/numeric/date) 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

List of Auto eCAAT Ent Functions with Brief Descriptions

No.	Panel	Menu (M)	Function (F)	Tool Tips / Brief Descriptions	Type
16	By Criteria	Profile	Remarks4Conditions	Add new column(s) with remarks added (single/multiple) based on manual entry or auto selection, for single or multiple conditions for specified column(s).	F
17	By Criteria	Profile	Aging	Groups and totals all records that are within and beyond the aging date based on the specified aging intervals.	F
18	By Criteria	Profile	Top / Last X	Displays the topmost or bottommost 'x' number of records in a column.	F
19	By Criteria	Profile	Column Statistics	Displays column-wise statistics of numeric, date and character data.	F
20	By Criteria	Profile	Column Properties	Shows column properties such as number of valid cells, blank cells, total cells and data type of all columns.	F
21	By Criteria	Profile	Highlight - -ve / Unique Numbers	Highlights negative numbers / unique values in the selected numeric columns.	F
22	By Criteria	Profile	Highlight - Specific Value(s)	Highlights cells with the specified values in the current worksheet.	F
23	By Criteria	Profile	Highlight - Function Errors	Highlights function errors in the current worksheet.	F
24	By Criteria	Profile	Highlight - Inconsistent Formula (s)	Highlights cells that have computations based on inconsistent formula compared to formula of first row of data.	F
25	By Criteria	Profile	Highlight - Inconsistent Date Format	Highlights cells that have dates which are not in conformance with the selected date format.	F
26	By Criteria	Profile	Highlight - Inconsistent Data Format	Highlights cells that have dates which are not in conformance with the selected data format.	F
27	By Criteria	Profile	Highlight - Cells with Space(s)	Highlights cells which have blanks or spaces or both (missing data) for specified columns.	F
29	By Criteria	Analyse	Duplicates - Identify Duplicates	Displays all duplicate records in the selected columns.	F
30	By Criteria	Analyse	Duplicates - Identify Unique	Displays all records that are unique in the selected columns.	F
31	By Criteria	Analyse	Duplicates - Remove Duplicates	Displays all unique records and one record from each of the duplicate records.	F
32	By Criteria	Analyse	Duplicates - Same Same Different	Displays records where the values in one/more selected columns are same but different in another column.	F
33	By Criteria	Analyse	Duplicates - In Same Row	Displays duplicate values (character/ date/ numeric) in the same row.	F
34	By Criteria	Analyse	Gaps - Numeric	Displays all successive numeric records whose difference is within the given interval.	F
35	By Criteria	Analyse	Gaps - Date	Displays all successive date records whose difference is within the given interval.	F

List of Auto eCAAT Ent Functions with Brief Descriptions

No.	Panel	Menu (M)	Function (F)	Tool Tips / Brief Descriptions	Type
36	By Criteria	Analyse	Gaps - Character	Displays all successive alphanumeric records whose difference is within the given character mask.	F
37	By Criteria	Analyse	Outliers - By Mask	Displays records that do not match a defined mask where 'C' represents characters and 'N' represents numbers.	F
38	By Criteria	Analyse	Outliers - By Bound	Displays records whose mask matches the selected condition. Also finds records that match a value at specific positions.	F
39	By Criteria	Analyse	Outliers - By Numeric	Displays records that exceeds 'x' number of times, the average/standard deviation of the selected numeric column.	F
40	By Criteria	Analyse	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
41	By Criteria	Analyse	Mandatory Data	Displays rows with cells which have blanks or spaces or both (missing data) for specified columns,	F
42	By Criteria	Analyse	Date Sequence	Finds the difference between two successive dates.	F
43	By Criteria	Analyse	Numeric Sequence	Displays missing values in a numeric sequence.	F
44	By Criteria	Analyse	Identify Changes	Compares two worksheets cell-by-cell and highlights all changes or non-changes and displays comments with changes or a list of changes.	F
45	By Criteria	Analyse	Fuzzy Match - Arrange	Displays similarities in two values by eliminating transposition.	F
46	By Criteria	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
47	By Criteria	Analyse	Fuzzy Match - Normalize	Removes special characters, multiple spaces, leading and trailing spaces in a column.	F
48	By Criteria	Analyse	Fuzzy Match - Similar	Compares two values and applies transformation to find strings that are similar.	F
49	By Criteria	Analyse	Fuzzy Match - Soundex/SoundLike	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
50	By Criteria	Analyse	Split Sheet - By Group	Splits the current worksheet into multiple worksheets based on each distinct value.	F
51	By Criteria	Analyse	Split Sheet - By Date	Splits the current worksheet into multiple worksheets based on the selected period.	F

List of Auto eCAAT Ent Functions with Brief Descriptions

No.	Panel	Menu (M)	Function (F)	Tool Tips / Brief Descriptions	Type
52	By Criteria	Analyse	Split Sheet - By Segment	Displays the specified split value of a column based on the selected delimiter.	F
53	By Criteria	Analyse	Split Sheet - By Value(s)	Splits the current worksheet into multiple worksheets based on specified values.	F
54	By Criteria	Analyse	Split Sheet - By Delimiter	Splits values of selected column(s) based on selected one or two delimiters with specific no. of splits (auto/manual) with option to display results of split values separately in new columns or rows (with fill from above).	F
55	By Criteria	Analyse	Split Sheet - By Date/Time	Splits combined date and time column into separate columns of date and/or time as specified.	F
56	By Criteria	Analyse	Split Sheet - By Columns	Splits the current worksheet into specific number of worksheets and creates new worksheets with common and unique columns as specified.	F
58	By Criteria	Investigate	Classifier - Quadrant Analysis	Displays items in four quadrants as per the specified percentage for each category.	F
59	By Criteria	Investigate	Classifier - Percentile Analysis	Displays items in specific percentages as per default/specific percentage given.	F
60	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
61	By Criteria	Investigate	Classifier - Pattern Analysis	Displays in selected ascending/descending order (based on count/sum/product) the summary of groups of data.	F
62	By Criteria	Investigate	Stratum - Numeric	Groups numeric data and displays the data in different tabs for each strata.	F
63	By Criteria	Investigate	Stratum - Date	Groups date-related data and displays the data in different tabs for each strata.	F
64	By Criteria	Investigate	Stratum - Character	Groups character-related data and displays the data in different tabs for each strata.	F
65	By Criteria	Investigate	Comparative - CompareNColumn	Compares all values of two selected columns and displays differences between cells, rows added or deleted.	F
66	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

List of Auto eCAAT Ent Functions with Brief Descriptions

No.	Panel	Menu (M)	Function (F)	Tool Tips / Brief Descriptions	Type
67	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
68	By Criteria	Investigate	Comparative - By Worksheets	Compares all values of two selected worksheets and displays differences between cells, rows added or deleted.	F
69	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
70	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
71	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
72	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
73	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
74	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
75	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
76	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
77	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
78	By Criteria	Investigate	3D-Reports - Aging	Displays the Month-wise break-up for selected options of ageing intervals.	F
79	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
80	By Criteria	Investigate	Analysis - ABC Analysis	Displays items in three separate categories as per the specific percentage given for each category.	F

List of Auto eCAAT Ent Functions with Brief Descriptions

No.	Panel	Menu (M)	Function (F)	Tool Tips / Brief Descriptions	Type
81	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
82	By Criteria	Investigate	Analysis - Aging	Groups date-related data and displays data in different intervals of data.	F
83	By Criteria	Investigate	Analysis - Day Of Week Analysis	Groups and displays data for each day of week in different tabs for each day.	F
84	By Criteria	Investigate	Analysis - Quarterly Analysis	Groups and displays data in four separate tabs for each of the quarters.	F
85	By Criteria	Investigate	Analysis - Monthly Analysis	Groups and displays data in twelve separate tabs for each of the months.	F
86	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
87	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
88	By Criteria	Investigate	Analysis - Compute & Compare	Identify exceptions after computing on selected fields/comparing results with other existing/result fields.	F
89	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
90	By Criteria	Investigate	Query - Character	Displays characters that begin and/or end with specific letters or words.	F
91	By Criteria	Investigate	Query - Exception	Displays records based on up to three AND/OR conditions.	F
92	By Criteria	Investigate	Query - List To Find	Displays items for selected list for date, numeric or character fields.	F
93	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
94	By Criteria	Investigate	Query - Verify Numbers	Compares two columns digit-by-digit to find missing digits and transposition errors.	F
95	By Criteria	Investigate	Statistics - Bendford's Law	Displays variance in patterns of numeric data based on Benford's Law.	F
96	By Criteria	Investigate	Append File - Matched Columns	Displays records after appending multiple worksheets with the same record structure.	F
97	By Criteria	Investigate	Append File - Unmatched Columns	Displays records after appending multiple worksheets with the unmatched record structure.	F

List of Auto eCAAT Ent Functions with Brief Descriptions

No.	Panel	Menu (M)	Function (F)	Tool Tips / Brief Descriptions	Type
98	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
99	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
100	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
101	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
102	By Criteria	Investigate	Relate - Join Files	Displays records after joining data from two worksheets based on common/ uncommon column values.	F
103	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
104	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
105	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
106	By Criteria	Investigate	Relate - 3-Way Matching	Displays records after joining data from up to three worksheets based on common/ uncommon column values.	F
107	By Criteria	Investigate	Relate - Consolidate	Displays the consolidated count and sum of each distinct value in the selected column in multiple worksheets.	F
108	By Criteria	Investigate	Relate - Collate	Displays records after combining the selected/ specified data from two/more worksheets.	F
109	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
110	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

List of Auto eCAAT Ent Functions with Brief Descriptions

No.	Panel	Menu (M)	Function (F)	Tool Tips / Brief Descriptions	Type
111	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
112	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
113	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
114	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
115	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
116	By Criteria	Investigate	Templates - Analytical Review	Displays the difference between values of two numeric columns in number and in percentage.	F
117	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
118	By Criteria	Investigate	Templates - Debit and Credit Column	Combines or segregates columns into debit and credit columns or a single column respectively.	F
119	By Criteria	Investigate	Templates - Compute Age	Compute age based on current date/ specified date on the selected date column.	F
121	By Criteria	Sampling	Systematic	Displays every nth record based on the interval given.	F
122	By Criteria	Sampling	Random	Display specific number of records picked at random/Top 'x' based on number/percentage.	F
123	By Criteria	Sampling	TotCount	Displays specific number of records from total count of records with option to select based on Groups.	F
124	By Criteria	Sampling	Analysis: Numeric	Displays specific number of records at random selected based on numeric analysis of specified columns.	F
125	By Criteria	Sampling	Analysis: Character	Displays specific number of records at random selected based on Character analysis of specified columns.	F

List of Auto eCAAT Ent Functions with Brief Descriptions

No.	Panel	Menu (M)	Function (F)	Tool Tips / Brief Descriptions	Type
126	By Criteria	Sampling	Analysis: Statistics	Displays specific number of records at random for each of the columns as selected.	F
127	By Criteria	Sampling	Analysis: Exceptions	Displays specific number of records at random for specified list of exceptions.	F
128	By Criteria	Sampling	Analysis - Outliers	Displays specific no. of records selected at random from results of Outlier function.	F
129	By Criteria	Sampling	List of Values	Displays specific number of records at random selected based on list of specified values for selected column.	F
130	By Criteria	Sampling	Duplicates	Displays specific number of records at random for each set of results of duplicates.	F
131	By Criteria	Sampling	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
132	By Criteria	Sampling	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
133	By Criteria	Sampling	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
134	By Criteria	Sampling	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 percentage.	F
135	By Criteria	Sampling	Classification - Quadrants	Displays specific no. of records selected at random for four separate quadrants based on results of two numeric columns.	F
136	By Criteria	Sampling	Classification - Percentiles	Displays specific no. of records selected at random for selected percentile(s) data for two selected fields.	F
137	By Criteria	Sampling	Classification - Clusters	Displays specific no. of records selected at random for selected cluster(s) data for two selected fields.	F
138	By Criteria	Sampling	Classification - Patterns	Displays specific no. of records selected at random for selected pattern(s) data for two selected fields.	F
139	By Criteria	Sampling	Summarized	Displays specific no. of records selected at random for summarised results.	F
140	By Criteria	Sampling	Classified	Displays specific no. of records selected at random for classified results.	F

List of Auto eCAAT Ent Functions with Brief Descriptions

No.	Panel	Menu (M)	Function (F)	Tool Tips / Brief Descriptions	Type
141	By Criteria	Sampling	Aging Details	Displays specific no. of records selected at random for results of aging function.	F
142	By Criteria	Sampling	MIS Details	Displays specific no. of records selected at random for results of MIS function.	F
143	By Criteria	Sampling	Classifier - Quadrant	Displays specific no. of records selected at random for four separate quadrants.	F
144	By Criteria	Sampling	Classifier - Percentile	Displays specific no. of records selected at random for selected percentile(s) data.	F
145	By Criteria	Sampling	Classifier - Cluster	Displays specific no. of records selected at random for selected cluster(s) data.	F
146	By Criteria	Sampling	Classifier - Pattern	Displays specific no. of records selected at random for selected pattern(s) data.	F
147	By Criteria	Sampling	Pareto Details	Displays specific no. of records selected at random for two separate categories as per the Pareto (80:20) rule/specific percentage.	F
148	By Criteria	Sampling	ABC Details	Displays specific number of records selected at random for three separate percentage categories as per ABC analysis.	F
149	By Criteria	Sampling	ABCD Details	Displays specific number of records selected at random for four separate percentage categories as per ABCD analysis.	F
150	By Criteria	Sampling	RSF Results	Displays specific no. of records selected at random for results generated using Relative Size Factor.	F
151	By Criteria	Sampling	MVF Results	Displays specific no. of records selected at random for results generated using Max. Variance Factor.	F
152	By Criteria	Sampling	Benford's Law	Displays specific no. of records selected at random for results of Benford Analysis.	F