

List of Auto eCAAT Pro Functions with Brief Descriptions

No.	Panel	Menu	Function	Tool Tips / Brief Descriptions	Type
1	By Criteria			Performs the selected list of AUTO eCAATPro functions, in succession from the selected functions of specific panel.	P
2	By Criteria	Profile		Performs Stratification - Numeric, Date & Character, Summarization - Quick, Classify, Aging and Top/ Last X functions, in succession as specified and displays results in workbook/worksheets.	M
3	By Criteria	Profile	Highlight (-Ve)/Unique Nos.	Highlights negative numbers / unique values in the selected numeric columns.	F
4	By Criteria	Profile	Highlight Function Errors	Highlights functions errors in the current worksheets.	F
5	By Criteria	Profile	Top / Last X	Displays the topmost or bottommost 'X' number of records in a column.	F
6	By Criteria	Profile	Column Statistics	Displays column-wise statistics of numeric, date and character data.	F
7	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
8	By Criteria	Profile	Row Properties	Displays the current row's values with formula and data type and also allows row navigation.	F
9	By Criteria	Profile	Stratify - Numeric	Groups numeric data into different strata based on intervals.	F
10	By Criteria	Profile	Stratify - Date	Groups dates into different strata based on intervals.	F
11	By Criteria	Profile	Stratify - Character	Groups characters into different strata based on intervals.	F
12	By Criteria	Profile	Stratify - Aging	Computes difference of selected two date columns & stratifies on specified intervals for computed date difference.	F
13	By Criteria	Profile	Summarize - Quick	Groups each distinct value in a numeric column and displays corresponding count and sum.	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.	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
16	By Criteria	Profile	Aging	Groups and totals all records that are within and beyond the aging date based on the specified aging intervals.	F
17	By Criteria	Profile	Count/ Sum	Displays count/sum of values in the selected numeric range/columns with options to perform further analysis by computing on selected fields/compare with other existing/result fields.	F
18	By Criteria	Profile	Cum./Sub Total	Displays cumulative total or sub-total for the selected numeric column.	F

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No.	Panel	Menu	Function	Tool Tips / Brief Descriptions	Type
19	By Criteria	Profile	Quadrants	Displays items in four quadrants as per the specified percentage for each category for selected two numeric columns.	F

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No.	Panel	Menu	Function	Tool Tips / Brief Descriptions	Type
20	By Criteria	Analyse		Performs Duplicates - Identify Duplicates, Uniques, Remove Duplicates, Same Same Different, In Same Row, Format, By Numbers, Gaps Numeric, Date, Numeric Sequence, Split Sheet - By Group, Value(s) in succession as specified and displays results in workbook/worksheets.	M
21	By Criteria	Analyse	Duplicates - Identify Duplicates	Displays all duplicate records in the selected columns.	F
22	By Criteria	Analyse	Duplicates - Identify Uniques	Displays all duplicate records in the selected columns.	F
23	By Criteria	Analyse	Duplicates - Remove Duplicates	Displays all unique records and one record from each of the duplicate records.	F
24	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
25	By Criteria	Analyse	Duplicates - In Same Row	Displays duplicate values (character/ date/ numeric) in the same row.	F
26	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
27	By Criteria	Analyse	Gaps (Numeric)	Displays all successive numeric records whose difference is within the given interval.	F
28	By Criteria	Analyse	Gaps (Character)	Displays all successive alphanumeric records whose difference is within the given character mask.	F
29	By Criteria	Analyse	Outliers (By Numbers)	Displays records that exceeds 'x' number of times, the average/standard deviation of the selected numeric column.	F
30	By Criteria	Analyse	Date Sequence	Finds the difference between two successive dates.	F
31	By Criteria	Analyse	Numeric Sequence	Displays missing values in a numeric sequence.	F
32	By Criteria	Analyse	Cell-wise 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
33	By Criteria	Analyse	Fuzzy Match Arrange	Displays similarities in two values by eliminating transposition.	F
34	By Criteria	Analyse	Inconsistent Formulas	Highlights cells that have computations based on inconsistent formula compared to formula of first row of data.	F
35	By Criteria	Analyse	Inconsistent Date Format	Highlights cells that have dates which are not in conformance with the selected date format.	F
36	By Criteria	Analyse	Inconsistent Data Format	Highlights cells that have dates which are not in conformance with the selected data format.	F
37	By Criteria	Analyse	Mandatory Data	Displays rows with cells which have blanks or spaces or both (missing data) for specified columns,	F

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No.	Panel	Menu	Function	Tool Tips / Brief Descriptions	Type
38	By Criteria	Investigate		Performs Comparative - By Files, By Columns, Compare & Compute, MIS, Pareto, ABC, RSF, MVF, Benford's Law, Append File, Join Files, 3-Way Matching, Consolidate in succession as specified and displays results in workbook/worksheets.	M
39	By Criteria	Investigate	Compare - 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
40	By Criteria	Investigate	Compare - Worksheets	Compares all values of two selected worksheets and displays differences between cells, rows added or deleted.	F
41	By Criteria	Investigate	Compare - 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
42	By Criteria	Investigate	Compare - CompareNColumn	Compares all values of two selected columns and displays differences between cells, rows added or deleted.	F
43	By Criteria	Investigate	Compare - Values	Displays the count, sum/difference for each of the rows for selected numerical columns based on specified columns from two selected worksheets.	F
44	By Criteria	Investigate	Compare - By Strata	Displays the count, sum/percentage for each of the specified strata for selected numerical columns from two selected worksheets.	F
45	By Criteria	Investigate	Compare - Compute & Compare	Identify exceptions after computing on selected fields/comparing results with other existing/result fields.	F
46	By Criteria	Investigate	Compare - 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
47	By Criteria	Investigate	Analyse - 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
48	By Criteria	Investigate	Analyse - MIS - Aging	Groups date-related data and displays data in different intervals of data.	F
49	By Criteria	Investigate	Analyse - MIS-Day Of Week	Groups and displays data for each day of week in different tabs for each day.	F
50	By Criteria	Investigate	Analyse - MIS-Monthly	Groups and displays data in twelve separate tabs for each of the months.	F
51	By Criteria	Investigate	Analyse - Pareto	Displays items in two separate categories as per the Pareto (80:20) rule/specific percentage given for each category.	F
52	By Criteria	Investigate	Analyse - ABC	Displays items in three separate categories as per the specific percentage given for each category.	F

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53	By Criteria	Investigate	Analyse - for Crosstab	Displays list of values (trend) in columns for each group of records on specified conditions of occurrence or variance with option to display sparklines or chart.	F
54	By Criteria	Investigate	Analyse - for Sparklines	Displays line chart (sparkline, column, win-lose) or other charts for each of the rows in the selected worksheet with options to display statistics (count, average, minimum, maximum, average and MVF) and combining columns with condition applied for count > 1 and/or variance > specified no. (if required).	F
55	By Criteria	Investigate	Analyse - List To Find	Displays items for selected list for date, numeric or character fields.	F
56	By Criteria	Investigate	Analyse - 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
57	By Criteria	Investigate	Analyse - 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
58	By Criteria	Investigate	Analyse - 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
59	By Criteria	Investigate	Analyse - Benfords Law	Displays variance in patterns of numeric data based on Benford's Law.	F
60	By Criteria	Investigate	Dynamic Query	Displays specific records based on the selected values/ condition.	F
61	By Criteria	Investigate	Validate Patterns	Finds variances in patterns of standard formats such as PAN, TAN, GSTIN, Aadhar numbers and user specified criteria.	F
62	By Criteria	Investigate	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
63	By Criteria	Investigate	Append File	Displays records after appending multiple worksheets with the same record structure.	F
64	By Criteria	Investigate	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
65	By Criteria	Investigate	Join Files	Displays records after joining data from two worksheets based on common/ uncommon column values.	F
66	By Criteria	Investigate	3-Way Matching	Displays records after joining data from up to three worksheets based on common/ uncommon column values.	F
67	By Criteria	Investigate	Consolidate Columns	Displays the consolidated count and sum of each distinct value in the selected column in multiple worksheets.	F

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No.	Panel	Menu	Function	Tool Tips / Brief Descriptions	Type
68	By Criteria	Sampling		Performs Interval, Numbers, TotCount, Outliers, Numeric, Date, Summarized, Classified, Aging Details, Pareto Details, ABC Details, RSF Results, MVF Results and Bendford's Law in succession as specified and displays results in workbook/worksheets.	M
69	By Criteria	Sampling	Interval	Displays every nth record based on the interval given.	F
70	By Criteria	Sampling	Numbers	Display specific number of records picked at random/Top 'x' based on number/percentage.	F
71	By Criteria	Sampling	TotCount	Displays specific number of records from total count of records with option to select based on Groups.	F
72	By Criteria	Sampling	Numeric	Displays specific number of records at random selected based on numeric analysis of specified columns.	F
73	By Criteria	Sampling	Outliers	Displays specific no. of records selected at random from results of Outlier function.	F
74	By Criteria	Sampling	Statistics	Displays specific number of records at random for each of the columns as selected.	F
75	By Criteria	Sampling	Duplicates	Displays specific number of records at random for each set of results of duplicates.	F
76	By Criteria	Sampling	Numeric	Displays specific number of records at random selected based on numeric analysis of specified columns.	F
77	By Criteria	Sampling	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
78	By Criteria	Sampling	Summarized	Displays specific no. of records selected at random for summarised results.	F
79	By Criteria	Sampling	Classified	Displays specific no. of records selected at random for classified results.	F
80	By Criteria	Sampling	Aging Details	Displays specific no. of records selected at random for results of aging function.	F
81	By Criteria	Sampling	MIS Details	Displays specific no. of records selected at random for results of MIS function.	F
82	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
83	By Criteria	Sampling	ABC Details	Displays specific number of records selected at random for three separate percentage categories as per ABC analysis.	F
84	By Criteria	Sampling	RSF Results	Displays specific no. of records selected at random for results generated using Relative Size Factor.	F
85	By Criteria	Sampling	MVF Results	Displays specific no. of records selected at random for results generated using Max. Variance Factor.	F

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No.	Panel	Menu	Function	Tool Tips / Brief Descriptions	Type
86	By Criteria	Sampling	Benford's Law	Displays specific no. of records selected at random for results of Benford Analysis.	F
87	By Functions			Performs the selected list of AUTO eCAATPro functions in succession, as specified and displays results in workbook/worksheets.	P
88	By Functions	Functions		Performs the selected list of AUTO eCAATPro functions in succession, as specified from this panel and display results in workbook/worksheets.	M
89	By Functions	Functions	Highlight (-Ve)/Unique Nos.	Highlights negative numbers / unique values in the selected numeric columns.	F
90	By Functions	Functions	Highlight Function Errors	Highlights functions errors in the current worksheets.	F
91	By Functions	Functions	Top / Last X	Displays the topmost or bottommost 'X' number of records in a column.	F
92	By Functions	Functions	Column Statistics	Displays column-wise statistics of numeric, date and character data.	F
93	By Functions	Functions	Column Properties	Shows column properties such as number of valid cells, blank cells, total cells and data type of all columns.	F
94	By Functions	Functions	Row Properties	Displays the current row's values with formula and data type and also allows row navigation.	F
95	By Functions	Functions	Stratify - Numeric	Groups numeric data into different strata based on intervals.	F
96	By Functions	Functions	Stratify - Date	Groups dates into different strata based on intervals.	F
97	By Functions	Functions	Stratify - Character	Groups characters into different strata based on intervals.	F
98	By Functions	Functions	Stratify - Aging	Computes difference of selected two date columns & stratifies on specified intervals for computed date difference.	F
99	By Functions	Functions	Summarize - Quick	Groups each distinct value in a numeric column and displays corresponding count and sum.	F
100	By Functions	Functions	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.	F
101	By Functions	Functions	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
102	By Functions	Functions	Aging	Groups and totals all records that are within and beyond the aging date based on the specified aging intervals.	F
103	By Functions	Functions	Count/ Sum	Displays count/sum of values in the selected numeric range/columns with options to perform further analysis by computing on selected fields/compare with other existing/result fields.	F
104	By Functions	Functions	Cum./Sub Total	Displays cumulative total or sub-total for the selected numeric column.	F

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105	By Functions	Functions	Quadrants	Displays items in four quadrants as per the specified percentage for each category for selected two numeric columns.	F
106	By Functions	Functions	Duplicates - Identify Duplicates	Displays all duplicate records in the selected columns.	F
107	By Functions	Functions	Duplicates - Identify Uniques	Displays all duplicate records in the selected columns.	F
108	By Functions	Functions	Duplicates - Remove Duplicates	Displays all unique records and one record from each of the duplicate records.	F
109	By Functions	Functions	Duplicates - Same Same Different	Displays records where the values in one/more selected columns are same but different in another column.	F
110	By Functions	Functions	Duplicates - In Same Row	Displays duplicate values (character/ date/ numeric) in the same row.	F
111	By Functions	Functions	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
112	By Functions	Functions	Gaps (Numeric)	Displays all successive numeric records whose difference is within the given interval.	F
113	By Functions	Functions	Gaps (Character)	Displays all successive alphanumeric records whose difference is within the given character mask.	F
114	By Functions	Functions	Outliers (By Numbers)	Displays records that exceeds 'x' number of times, the average/standard deviation of the selected numeric column.	F
115	By Functions	Functions	Date Sequence	Finds the difference between two successive dates.	F
116	By Functions	Functions	Numeric Sequence	Displays missing values in a numeric sequence.	F
117	By Functions	Functions	Cell-wise 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
118	By Functions	Functions	Fuzzy Match Arrange	Displays similarities in two values by eliminating transposition.	F
119	By Functions	Functions	Inconsistent Formulas	Highlights cells that have computations based on inconsistent formula compared to formula of first row of data.	F
120	By Functions	Functions	Inconsistent Date Format	Highlights cells that have dates which are not in conformance with the selected date format.	F
121	By Functions	Functions	Inconsistent Data Format	Highlights cells that have dates which are not in conformance with the selected data format.	F
122	By Functions	Functions	Mandatory Data	Displays rows with cells which have blanks or spaces or both (missing data) for specified columns,	F

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No.	Panel	Menu	Function	Tool Tips / Brief Descriptions	Type
123	By Functions	Functions	Compare - 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
124	By Functions	Functions	Compare - Worksheets	Compares all values of two selected worksheets and displays differences between cells, rows added or deleted.	F
125	By Functions	Functions	Compare - 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
126	By Functions	Functions	Compare - CompareNColumn	Compares all values of two selected columns and displays differences between cells, rows added or deleted.	F
127	By Functions	Functions	Compare - Values	Displays the count, sum/difference for each of the rows for selected numerical columns based on specified columns from two selected worksheets.	F
128	By Functions	Functions	Compare - Compute & Compare	Identify exceptions after computing on selected fields/comparing results with other existing/result fields.	F
129	By Functions	Functions	Compare - 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
130	By Functions	Functions	Analyse - 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
131	By Functions	Functions	Analyse - Pareto	Displays items in two separate categories as per the Pareto (80:20) rule/specific percentage given for each category.	F
132	By Functions	Functions	Analyse - ABC	Displays items in three separate categories as per the specific percentage given for each category.	F
133	By Functions	Functions	Analyse - for Crosstab	Displays list of values (trend) in columns for each group of records on specified conditions of occurrence or variance with option to display sparklines or chart.	F
134	By Functions	Functions	Analyse - for Sparklines	Displays line chart (sparkline, column, win-lose) or other charts for each of the rows in the selected worksheet with options to display statistics (count, average, minimum, maximum, average and MVF) and combining columns with condition applied for count > 1 and/or variance > specified no. (if required).	F
135	By Functions	Functions	Analyse - List To Find	Displays items for selected list for date, numeric or character fields.	F
136	By Functions	Functions	Analyse - 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

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No.	Panel	Menu	Function	Tool Tips / Brief Descriptions	Type
137	By Functions	Functions	Analyse - 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
138	By Functions	Functions	Analyse - 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
139	By Functions	Functions	Analyse - Benfords Law	Displays variance in patterns of numeric data based on Benford's Law.	F
140	By Functions	Functions	Dynamic Query	Displays specific records based on the selected values/ condition.	F
141	By Functions	Functions	Validate Patterns	Finds variances in patterns of standard formats such as PAN, TAN, GSTIN, Aadhar numbers and user specified criteria.	F
142	By Functions	Functions	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
143	By Functions	Functions	Append File	Displays records after appending multiple worksheets with the same record structure.	F
144	By Functions	Functions	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
145	By Functions	Functions	Join Files	Displays records after joining data from two worksheets based on common/ uncommon column values.	F
146	By Functions	Functions	3-Way Matching	Displays records after joining data from up to three worksheets based on common/ uncommon column values.	F
147	By Functions	Functions	Consolidate Columns	Displays the consolidated count and sum of each distinct value in the selected column in multiple worksheets.	F
148	Utilities			This function lets the user Scheduler the tasks/functions of AUTO eCAATPro as per requirement.	P
149	Utilities		Activities Log	Displays list of functions performed with following details: Function name, Company name and time when function was performed.	F
150	Utilities	Hide / Unhide		Enable/Disable by panel/modules.	M
151	Utilities	Hide / Unhide	By Panel	Displays customised Panels, Menus and Functions of AUTO eCAATPro as specified.	F
152	Utilities	Hide / Unhide	By Module(s)	Enable / Disable selected modules of software for eCAAT suite.	F
153	Utilities		Test Data	Opens AUTO eCAATPro's test Data workbook.	F

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No.	Panel	Menu	Function	Tool Tips / Brief Descriptions	Type
154	Utilities		Scheduler	Schedules selected specific functions to be performed at specified time.	F
155	Tools			Provides specific functions for re-performing functions already performed based on all/last function and also save template any function of software.	P
156	Tools		Save Template	Creates a duplicate of a saved template in the list of templates (functions are not performed).	F
157	Tools		Re-run	Re-run functions previously performed in AUTO eCAATPro.	F
158	Tools		Refresh	Re-run the last function performed in AUTO eCAATPro.	F