

# Audit Commander

## Identify pattern outlier data in SQLite databases

### Audit task in brief

Identification of pattern outliers using data in an SQLite database.

### Data source(s)

- SQLite Database

### Typical Audit Uses

Generally used for the identification of potential errors. May also be used to identify potentially fraudulent areas.

### Description of Output

Output varies by command.

### Form Image

The screenshot shows the 'frmSQPattern - SQLite3 Database Analysis - Pattern Outliers' application window. The interface includes the following elements:

- SQLite DB:** C:\Program Files\EZS\AC\db\fa.db
- Report File:** C:\Program Files\EZS\AC\db\fa.rep
- Table:** FA
- Sort Column:** Location
- Data Column:** Cost
- Criteria:** (cost - ad) < salvage
- Report:**

Location	N	d-stat	Chi Square
AB	12	.0462	1.16
ABC	396	.0015	.02
- Audit Commands:**  Statistics,  Round Numbers,  Trends,  Holidays,  Weekdays
- Buttons:** Exit, OK

**XL Audit Commander**

data analysis made easier ...

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### How to complete the form and run it

1. Specify the name of the SQLite database which has the data to be tested.
2. Specify the name of the text format report file to contain the report generated. A default file name is provided which can be changed.
3. Specify the name of the table containing the data to be tested from the drop-down list.
4. Specify the name of the column by which the analysis should be sorted. The column name is selected from the drop down list.
5. Specify the name of the data column to be tested (generally a numeric or date column). This is also selected from the drop down list.
6. Specify any criteria to be used to limit the population being tested to specific records which meet the criteria specified. The criteria is that used in the "WHERE" clause to limit the analysis to just a subset of the entire population. Leaving the criteria blank causes all records to be tested.
7. Place a check box by the name of the test to be performed.
8. Click the process button.
9. When all of the testing has been completed, click the "Exit" button to close the form and return to the main menu.

### Example Output

Output will vary by type of audit test performed.

dept	N	d-stat	Chi Square
AB	101	0.0215	4.38
FF	231	0.0038	1.68
YY	268	0.004	1.15
C1	284	0.0036	0.86
C2	237	0.0025	0.86

