

AttributeFrequency module - Module for displaying the frequency of the categories in the attribute

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Abstract

This document describes the user interface for the AttributeFrequency module. It contains some simple examples and screenshots for the users to make using of this module easier.

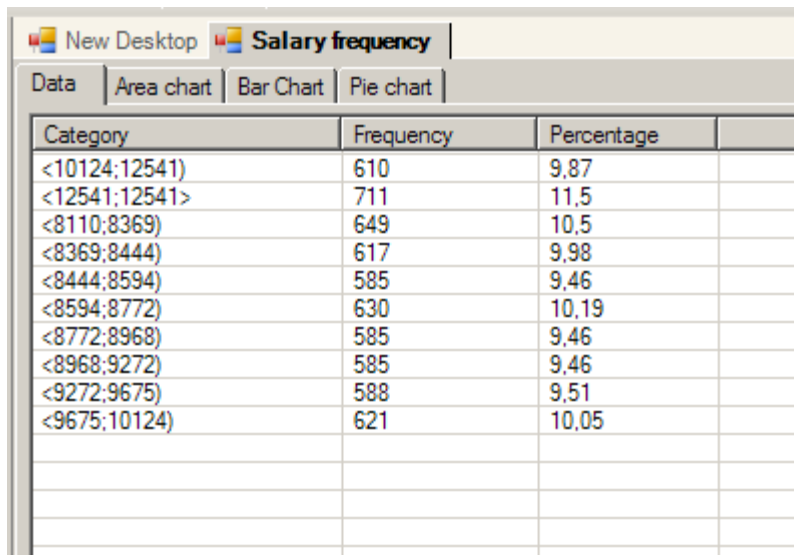
Introduction

Welcome to AttributeFrequency module. This is a module designed for displaying the frequency of categories in the attribute. You can sort the displayed attribute frequencies, view the charts based on their values and copy data and charts to clipboard.

Parts of the user interface

Main window

Main dialog window contains a list of items in three columns. Items correspond with the categories. You can sort the list view by clicking on the column header. Interval categories are sorted by their lower bounds.



Category	Frequency	Percentage
<10124;12541)	610	9,87
<12541;12541>	711	11,5
<8110;8369)	649	10,5
<8369;8444)	617	9,98
<8444;8594)	585	9,46
<8594;8772)	630	10,19
<8772;8968)	585	9,46
<8968;9272)	585	9,46
<9272;9675)	588	9,51
<9675;10124)	621	10,05

- **Columns.** Columns of this list are the following:
 - **Value.** This view column contains the categories from the attribute.
 - **Frequency.** This view column contains the frequency for the given value. For example, the above screenshot indicates that 610 values belong to interval category <10124; 12541).
 - **Percentage.** This view column contains the percentage frequency for the given value. For example, the above screenshot indicates that 610 values belong to interval category <10124; 12541) and it is 9,87% of the given values.

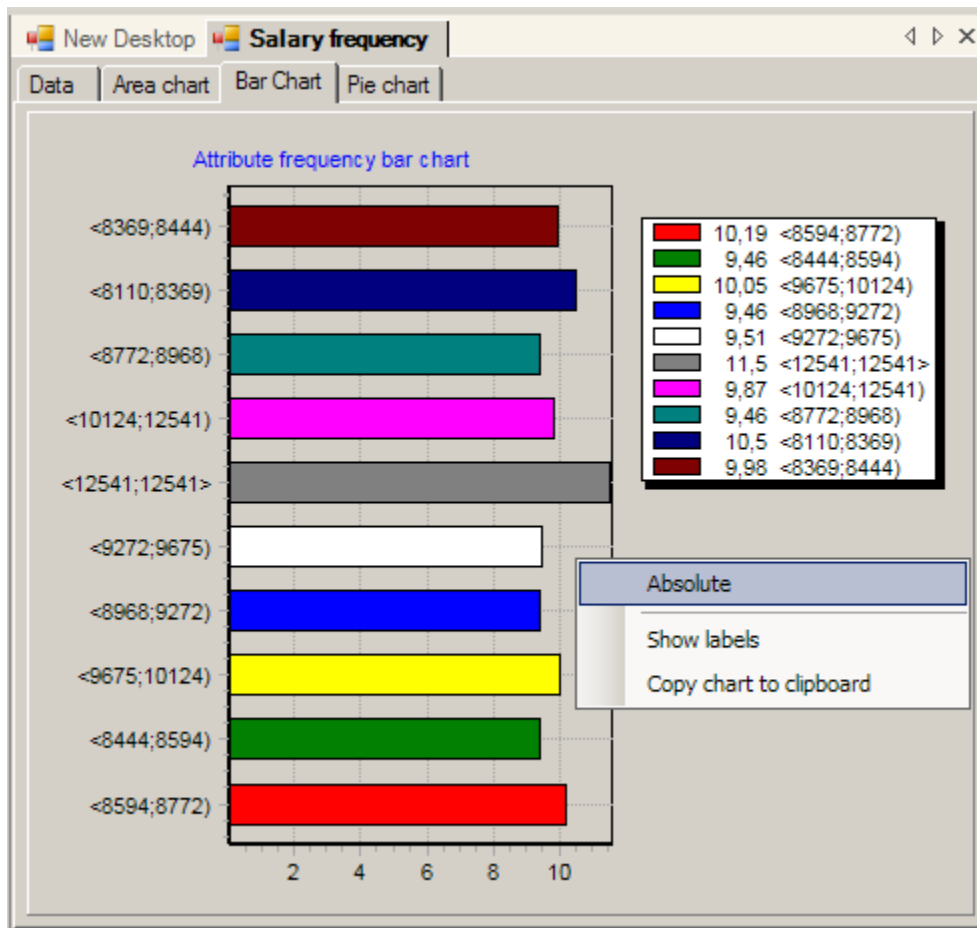
Charts

AttributeFrequency module displays three different types of charts for better visual representation of the categories frequencies for the attribute. Charts can be switched by clicking on corresponding tabs. The chart types are:

- **Area chart.** Displays the area chart for the categories. Possible actions are enlisted in the chart [right-click menu](#).
- **Bar chart.** Displays the bar chart for the categories. Possible actions are enlisted in the chart [right-click menu](#).
- **Pie chart.** Displays the pie chart for the categories. Possible actions are enlisted in the chart [right-click menu](#).

Right-click menu for charts

Right-click menu lists the options and actions available for charts.



- **Absolute.** When Absolute option is toggled on, absolute values instead of percentage are displayed
- **Show labels.** When Show labels is toggled on, labels for chart are displayed
- **Copy chart to clipboard.** This option allows copying the chart to clipboard as a bitmap.

Right-click menu for list

Right-click menu contains options to copy the information to clipboard.

Category	Frequency	Percentage
<10124;12541)	610	9,87
<12541;12541>	711	11,5
<8110;8369)	649	10,5
<8369;8444)	617	9,98
<8444;8594)	610	9,87
<8594;8772)	610	9,87
<8772;8968)	585	9,46
<8968;9272)	585	9,46
<9272;9675)	588	9,51
<9675;10124)	621	10,05

Right-click menu options:

- Copy all items to clipboard
- Copy selected items to clipboard

- **Copy all items to clipboard.** When this option is selected, all items from the AttributeFrequency list are copied to the clipboard as tab separated values.
- **Copy selected items to clipboard.** When this option is selected, the currently items from the AttributeFrequency list are copied to the clipboard as tab separated values.