

# ColumnFrequency module - Module for displaying the frequency of the values in table column

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2006-03-21

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## Abstract

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

## Introduction

Welcome to ColumnFrequency module. This is a module designed for displaying the frequency of column values in the table column. You can sort the displayed column values 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 values in the column. You can sort the list view by clicking on the column header.

New Desktop District frequency			
Data Area chart Bar chart Pie chart			
Value	Frequency	Percentage	
Benesov	63	1,02	
Beroun	63	1,02	
Blansko	63	1,02	
Breclav	54	0,87	
Bmo	335	3,35	
Bmo - venkov	1,02	1,6	
Bruntal	Blansko 63 (right-click for copy options)		0,89
Ceska Lipa	54	0,87	
Ceske Budejovice	81	1,31	
Cesky Krumlov	63	1,02	
Decin	45	0,73	
Domazlice	18	0,29	
Frydek - Mistek	135	2,18	
Havlickuv Brod	86	1,39	
Hodonin	72	1,16	
Hradec Kralove	54	0,87	
Cheb	36	0,58	
Chomutov	72	1,16	
Chrudim	63	1,02	
Jablonec n. Nisou	18	0,29	
Jesenik	72	1,16	
Jicin	63	1,02	
Jihlava	54	0,87	
Jindrichuv Hradec	99	1,6	
Karlovy Vary	54	0,87	
Karvina	225	3,64	
Kladno	54	0,87	
Klatovy	18	0,29	

- **Columns.** Columns of this list are the following:
  - **Value.** This view column contains the value from the column
  - **Frequency.** This view column contains the frequency for the given value. For example, the above screenshot indicates that value "Beroun" appears in the column for 63 times.
  - **Percentage.** This view column contains the percentage frequency for the given value. For example, the above screenshot indicates that value "Beroun" appears in the column for 63 times and it is 1.02% of all the values.

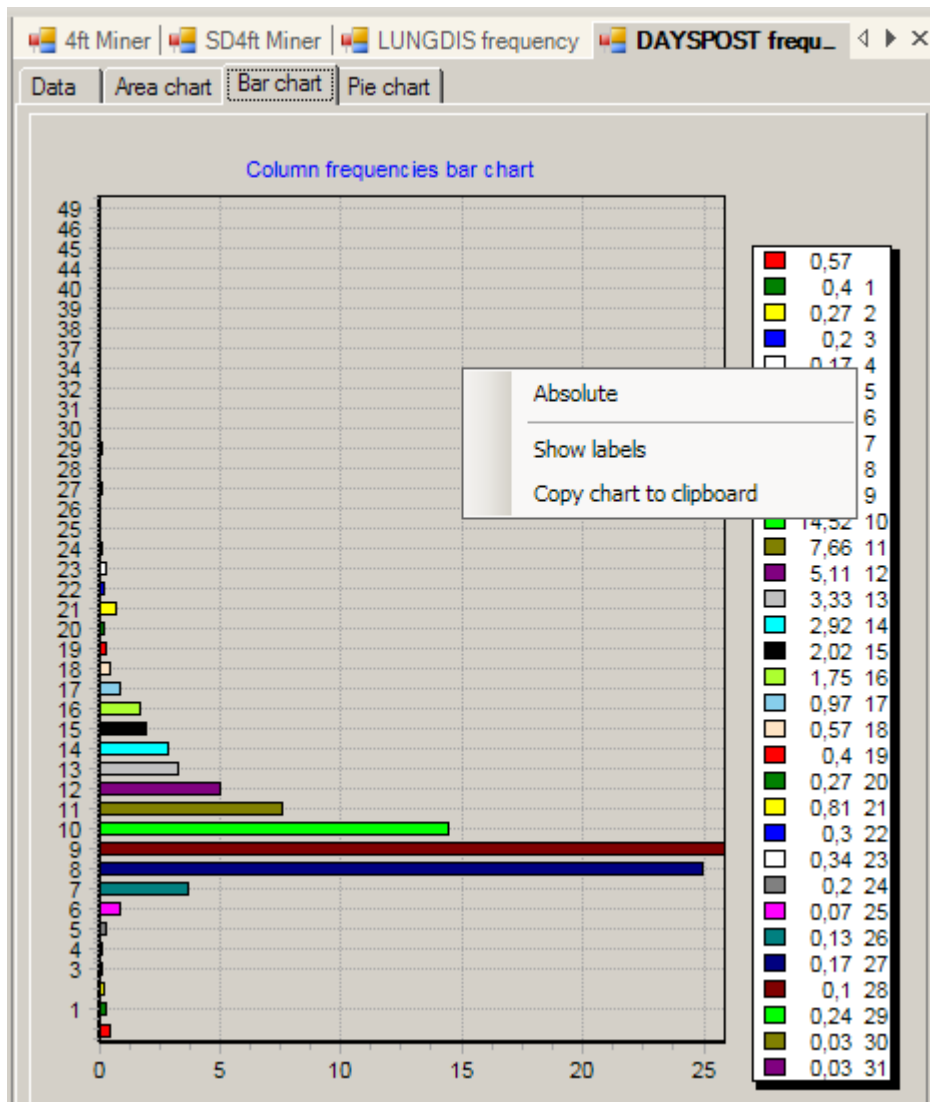
## Charts

ColumnFrequency module displays three different types of charts for better visual representation of the values frequencies for column. 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.

Value	Frequency	Percentage
Benesov	63	1,02
Beroun	63	1,02
Blansko	63	1,02
Breclav	54	0,87
Bmo	207	
Bmo - venkov	99	
Bruntal	55	
Ceska Lipa	54	0,87

Context 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 ColumnFrequency 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 ColumnFrequency list are copied to the clipboard as tab separated values.