



RESULTS & VISUALIZATION

Chart Window

Turn query results into a chart — bar, line, area, pie, and more — to reveal trends, outliers, and distributions, then save, print, or export it.

Who

WHO IT IS FOR

Analysts and presenters who need to see, and share, the shape of the data rather than read it row by row.

What

WHAT IT DOES

The Chart Window plots the current result set. Choose a chart type (Bar, Line, Area, Points, Pie, Donut, Pyramid, Volume, and horizontal variants), bucket and summarise values, exclude nulls, sort the preview, and colour each series. Give the chart a title, optionally embedding a “When” date token such as @Today(), @ThisMonth(-1), or @ThisQuarter() that renders as a friendly label like “Jul 2026” or “Q3 2026”, re-resolved each time a saved chart reopens. When the chart belongs to a saved Searcher criteria or a Table Editor table, the “Saved Charts (N)” row lets you Save it under a name and reload it instantly — every series, filter, format, colour, sort and title is captured and restored. Share it three ways: capture a screenshot (camera icon), print the current chart (printer icon — it briefly hides the controls so the chart fills the page and prints landscape), or right-click the printer to tick several saved charts and print them all at once, one per page, to any printer or to a PDF.

When

WHEN TO USE IT

Use it the moment a grid of numbers hides the story — to spot a trend, an outlier, or a distribution, or to produce a visual for a report or a printed handout.

Where

WHERE TO FIND IT

Open it from the add-chart icon next to “Matched:” in the Search Results grid, or from the chart icon in the Table Editor (which also brings any Natural-Key columns along, shown as “<column> (NK)”). The Series Type picker switches chart styles; the Saved Charts save/load row and the owning database + criteria name sit across the top; the camera, tip, and printer icons sit at the right of the X/Y row. Tip: maximise the window before printing so the chart fills the whole page.

Why

WHY IT MATTERS

A chart makes trends and outliers obvious in seconds that are invisible in a table — and a screenshot, a print, a PDF, or a reloadable saved chart turns that insight into something you can hand to a stakeholder or return to later.

SCREENSHOT

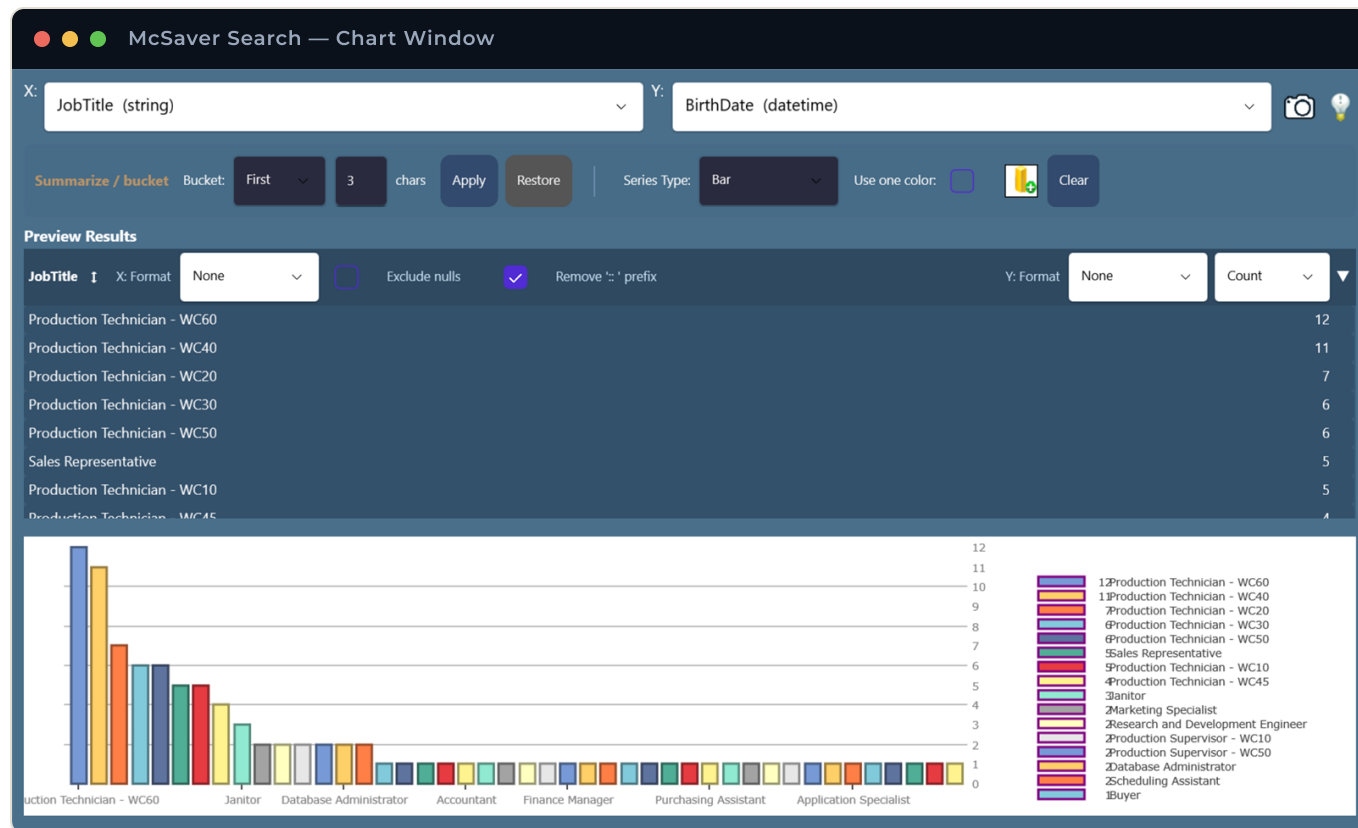


Chart Window as shown on mcsavertechnologies.com



Tip of the Day 40 tips

Every Tip of the Day for this tab — open them in the app from the lightbulb icon.

VALUE Turn raw query results into visual insight in seconds, spotting trends, outliers, and distributions that are invisible in a grid of numbers, then capture a screenshot to share with stakeholders.

OVERVIEW The Chart window groups your query results by an X column and aggregates a Y column, showing the result both as a live Preview Results table and as a chart you can style.

ACTION Use the X: and Y: pickers at the top to choose which result columns become the group (X) and the aggregated value (Y); each picker shows the column name and its data type, like "Price (decimal)".

ACTION Use the Aggregate dropdown on the right of the Preview header to pick how Y is summarized per X group: Raw, Count, Sum, Avg, Min, or Max.

CLARIFICATION	The Aggregate list is filtered to the Y column's type — numeric offers Raw, Count, Sum, Avg, Min, and Max; date and time offer Raw, Count, Min, and Max; bool offers Count, Min, and Max; text and other types offer Count only.
ACTION	Change the Series Type picker to switch between Bar, Line, Area, Points, Pie, Donut, Pyramid, Volume, and the Horiz variants.
FEATURE	The Preview Results grid is the single source of truth for grouping, bucketing, aggregation, and sort, so the chart always plots exactly what the table shows.
COLUMN	Use the separate "X: Format" picker (left, by the group column) to format how the group values display, and the "Y: Format" picker (right, by the Aggregate) to format the aggregated values; the two are independent.
CLARIFICATION	Format options match each column's type, offering number patterns like 0.00 and ###0 for numeric values and patterns like yyyy-MM-dd or HH:mm:ss for date and time values, with "None" meaning the default display.
FILTER	Tick the "Exclude nulls" checkbox to drop the "(null)" group from both the Preview Results grid and the chart when some rows have no X value.
SUMMARIZE	When the X column is a date, number, or text, the "Summarize / bucket" bar appears so you can group nearby values together instead of charting every distinct value.
ACTION	In the Summarize bar pick a Mode (Drop floor or Round nearest), choose a bucket unit (date unit, numeric step, or first/last N chars), then click Apply to bucket the X values or Restore to return to raw values.
CLARIFICATION	The Summarize pickers are not live; your bucket choice only takes effect when you click Apply, and Restore clears it back to ungrouped X values.
SELECTION	Click the sort glyph next to the X column name to cycle its sort (none, ascending, descending); ascending and descending show as up/down arrows.
SELECTION	Click the sort glyph next to the Aggregate dropdown to sort by the aggregated value instead; the X sort and value sort are mutually exclusive, so choosing one clears the other.
VISUAL	Pick the series color from the always-visible color dropdown, where each entry shows a color swatch and its name; choose "-- Multi Color --" (rainbow swatch) at the top of the list to color every point or bar individually instead of one uniform color.
ACTION	Click the Add Series icon to overlay another series on the chart, letting you compare several columns or aggregates on one plot.
ACTION	Click the Clear button to remove all series from the chart and start a fresh comparison.
FEATURE	The chart fills the window and resizes with it, so it shrinks or grows as you resize rather than clipping or overflowing.
ACTION	Type a chart Title in the box on the options bar (it stretches to fill the window) and it shows as the chart's header; embed a "When" date parameter — @Today(), @Now(), @ThisMonth(-1), @ThisQuarter(), @ThisHalf(1), or @ThisYear() — and it is replaced with a friendly label like "Jul 2026", "Q3 2026", or "2026" on the chart, re-resolved each time a saved chart reopens.

EXPORT	Click the camera icon to capture a screenshot of the current chart for sharing or documentation; the export folder opens automatically when it is saved.
FILTER	Use the "Where" row filter to keep only matching rows: pick a filter column, an operator (=, !=, <, <=, >, >=, or >-< for an inclusive between), and value(s), then click Where or Apply to filter both the Preview grid and the chart; an empty value clears it.
FILTER	Click the small clear (X) icon between the Where column and operator pickers to blank the filter column and its value(s) at once, removing the Where filter so every preview row shows again.
COLUMN	When the aggregate is Raw, the filter column's value appears as a centered middle column in the Preview grid, hidden automatically when the filter column is the same as X or Y.
FILTER	Each series you add with a filter column and value contributes a legend row beneath the chart — a color swatch (rainbow for multi-color) plus the operator and value, like "> 100" or ">-< 10 and 20".
ACTION	Right-click the chart (or the Clear button) to remove just one series (layer) and its legend row, instead of clearing every series at once.
FILTER	Right-click a preview X value to filter WHERE that X column equals it and apply instantly; right-click a filter-column value to filter on that column instead.
COLUMN	The X:Format and Y:Format date pickers include day (dd) and time units (mm:ss, mm, ss) for DateTime columns, alongside the existing year/month/day patterns.
FILTER	On the Chart window's Where row, a count beside the value entry shows how many distinct values the chosen filter column has; when there are fewer than 50, click that count to pick a value from a sorted list — it fills the entry and applies the filter without changing the operator.
ACTION	On the Chart window's Where row, when the filter column has fewer than 21 distinct values a chart icon appears beside the count — click it to chart every distinct value at once, each plotted as its own series in the next palette color for an instant per-value comparison.
FEATURE	When the chart belongs to a saved Searcher criteria or a Table Editor table, a "Saved Charts (N)" row appears at the top — the count shows how many charts you have saved for this owner; it stays hidden for ad-hoc query charts that have no stable owner to file them under.
FEATURE	When the chart was opened from a saved Searcher criteria, a header in the top-right corner names the Database and the Saved Criteria this chart belongs to, so you always know which selection it came from.
WORKFLOW	Click "Save" on the Saved Charts row and give the chart a name — the saved copy captures everything at once: every series layer, its Where filters, the summarize/bucket settings, the X and Y formats, the colors, the preview sort, and the title.
ACTION	Pick a title from the Saved Charts dropdown to load it instantly, replaying all of its series, filters, formats, per-series colors, and sort order exactly as you saved them.
CLARIFICATION	Saving under a name that already exists for the owner prompts you to confirm an overwrite first, and a toast confirms once the chart is stored.

- ACTION** Select a saved chart and click "Delete" (enabled only once one is picked) to remove it after a confirmation prompt; deleting a Searcher saved criteria also removes the charts saved under it.
- PRINT** Click the printer icon (right of the tip icon) to print the current chart — it briefly hides the controls so the chart fills the whole page and prints in landscape; maximize the window first for the largest, sharpest printout.
- PRINT** Printing a batch is effortless — right-click the printer icon and a checklist of this owner's saved charts pops up. Tick as many as you like (or "Select all"), and they all print at once.
- PRINT** When you right-click the printer icon, use the "Send to:" picker to choose any installed printer or "Save as PDF"; every chart you ticked is rendered full-size and printed as a single multi-page job, one chart per page.
- NAVIGATION** Click the tip icon (next to the camera) any time to reopen this Tip of the Day window.