A VisiData Cheat Sheet

Version	VisiData v2.1
Updated	2020-12-09
More info	visidata.org jsvine.github.io/intro-to-visidata

Getting help

`Ctrl-h`	Display the "Quick Reference Guide"
`z` + `Ctrl-h`	Display list of commands available on the current sheet

Getting out of trouble

`U` / `R`	Undo/Redo
`Ctrl-c`	Abort the current command
`q`	Quit the current VisiData "sheet"
`Ctrl-q`	Force-quit VisiData entirely

Input / output

`o` + *filename*	Open a file
`Ctrl-s` + *filename*	Save current sheet to *filename*
`g` + `Ctrl-s` + *filename*	Save all sheets to *filename*
`gY`	Copy sheet (or selected rows) to clipboard
`gzY`	Copy column (or selected rows for column) to clipboard

Metasheets

`S`	Sheets Sheet
`gS`	Sheets Graveyard
`C`	Columns Sheet
`O`	Gobal options sheet
`zO`	This-sheet options sheet

Move cursor ...

`gj`	to the last row
`gk`	to the first row
`gh`	to the leftmost column
`gl`	to the rightmost column
`Ctrl-F`	one page down (forward)
`Ctrl-B`	one page up (backward)

Moving via search

`/` + *regex*	Search forward in *current* column
`?` + *regex*	Search backward in *current* column
`g/` + *regex*	Search forward in *all* columns
`g?` + *regex*	Search backward in *all* columns
`n`	Move to next matching row
`N`	Move to previous matching row

Basic row selection

`s`	Select the current row
`u`	Unselect the current row
`t`	Toggle the current row between selected / unselected
`gs`	Select all rows
`gu`	Unselect all rows
`gt`	Toggle all rows between selected / unselected

Advanced row selection

`|` + *regex*	Select all rows where *regex* matches the **current column**
`\` + *regex*	Unselect all rows where *regex* matches the **current column**
`g|` + *regex*	Select all rows where *regex* matches **any column**
`g\` + *regex*	Unselect all rows where *regex* matches **any** column
`,`	Select all rows where the **current column** matches the current cell
`g,`	Select all rows where **any column** matches the current cell
`z|` + *expr*	Select all rows where *expr* evaluates to `True`
`z\` + *expr*	Unselect all rows where *expr* evaluates to `True`

Shifting rows / columns

`J`	Move row up
`K`	Move row down
`H`	Move column left
`L`	Move column right

Setting column types

`#`	Integer
`%`	Float
`$`	Currency
`@`	Date
`~`	Text

Renaming columns

`^`	Rename current column
`g^`	Set names of all *unnamed* columns to the values in the current or selected row(s)
`gz^`	Set names of all *visible* columns to the values in the current or selected row(s)

Resizing columns

`_`	Adjust the width of **current column** to fit text in all visible rows
`g_`	Adjust the width of **all columns** to fit text in all visible rows
`z_` + *n*	Set the current column's width to *n* characters
`-`	Hide the current column by setting its width to `0`
`gv`	Unhide all columns
`z-`	Shrink the current column's width in half

Sort rows ...

`[`	in ascending order of *current column*
`]`	in descending order of *current column*
`g[`	in ascending order of *key columns*
`g]`	in descending order of *key columns*

Filtering

`"`	Create new sheet of selected rows
`gz"`	Create new sheet with "deep copy" of selected rows
`R` + *n*	Create new sheet containing *n* randomly chosen rows

Summarizing data

`F`	Create frequency table of *current column*
`gF`	Create frequency table of *key columns*
`+` + *aggr*	Add aggregator to column
`z+` + *aggr*	Calculate one-time aggregation of column
`I`	Create a "Describe Sheet," with summary stats for each column

Creating new columns

`za`	Create a blank column
`i`	Create an increment column (1,2,3...)
`=` + *expr*	Create a new column from a Python *expr* evaluated against each row
`:` + *regex*	Create new column(s) by splitting current column on *regex*
`;` + *regex*	Create new column(s) by extracting *regex* groups from current column
`'`	Create "frozen" copy of current column, with all cells evaluated

Reshaping data

`W`	Create pivot table sheet, with key column(s) as rows and current column as values
`M`	Create "melted" sheet, with key columns as non-melted values
`T`	Create a transposed sheet, where columns become rows and v.v.

Editing cells

`e`	Begin editing current cell
`Enter`	Finish editing
`Ctrl-c`	Cancel editing
`Ctrl-a`	Move to beginning of cell
`Ctrl-e`	Move to end of cell
`Ctrl-k`	Clear contents from cursor's position to end of line

Misc.

`!`	Make current column a "key" column
`Ctrl-r`	Reload sheet
`Ctrl-^`	Toggle between current and previous sheet
`Space`	Open long-name command prompt