VisiData Terminal data spreadsheet

CONCEPTS

VisiData is a spreadsheet for the terminal: every view (columns, frequencies, pivots) is a new sheet on a stack.

Source file vd data.csv
↓ load
Sheet rows x columns
↓ Shift+F, Shift+W, "
Derived sheet freq, pivot, subset
↓ Ctrl+S
Saved file csv, tsv, json...

Commands apply to the current column or row. A g prefix usually means all (gs, gd), z a variant.

NAVIGATION

Arrows / h › j › k › l
Move cell by cell

g › h / g › j / g › k / g › l
Jump to left, bottom, top, right edge

PgUp / PgDn Scroll a page

/ / ?
Regex search column, down / up

n / Shift + N
Next / previous match

g › /
Regex search all columns

c Go to column by name

z › r Go to row number

< / >
Previous / next differing value

{ / }
Previous / next selected row

ROWS AND SELECTION

s / t / u
Select, toggle, unselect row

g › s / g › t / g › u
Same for all rows

| / \
Select / unselect by regex in column

g › |
Select by regex in any column

ROWS AND SELECTION (cont.)

z › |
Select by Python expression

, Select rows equal to this cell

"
Open sheet of selected rows only

g › d Delete selected rows

d Delete current row

a Add an empty row

y / p Copy row, paste after

[/]
Sort by column up / down

z › [/ z ›]
Add column to sort criteria

COLUMNS

/ % Type column int / float

@ / ~
Type column date / string

- Hide column

g › v Unhide all columns

! Make key column (pins left)

H / L Move column left / right

^ Rename column

=
Add column from Python expression

: Split column by regex

(/)
Expand / contract nested column

Shift + =
Add aggregator (the + key) to column

EDIT AND UNDO

e Edit current cell

g › e
Set column for selected rows

U / R Undo / redo last change

Ctrl + R
Reload sheet from source

SUMMARIES AND PIVOTS

Shift + F
Frequency table of column

Shift + I
Describe sheet: stats per column

Shift + W
Pivot table on current column

Enter
Open source rows of group or cell

SHEETS, FILES, HELP

q Close current sheet

g › q Quit everything

Ctrl + S
Save sheet; name sets the format

o Open another file

Shift + S
Sheets stack: jump between sheets

g › Shift + S
All sheets of session

Ctrl + ^ Previous sheet

Shift + C
Columns sheet: edit types, widths

& Join sheets on key columns

Shift + D
Command log of this session

Ctrl + H Help menu

z › Ctrl + H
List all commands and keys

COMMAND LINE

`vd <file> ...`
Open files, last on top

`<cmd> | vd`
Read from stdin

`vd -f <type> <file>`
Force a loader

`vd -b <in> -o <out>`
Convert in batch mode

`vd .`
Browse a directory