Navigate

h/j/k/l - left/down/up/right
gg or G - top or bottom of file

ctrl u|d - scroll up/down
ctrl i|o - go forward and back in cursor positions
ctrl ^ - toggle current and previous file

- jumps to the previous/next sentence

- jumps to the previous/next paragraph

Insert

{ or }

i - insert before characterI - insert before linea - insert after characterA - insert after line

o - insert a new line below the cursor0 - insert a new line above the cursor

Delete

x - delete character under cursor
 X - delete character left of cursor
 dd - delete current line
 D - delete to end of line
 d0 - delete to beginning of line

Delete and insert

s - delete character and insert

S - delete line and insert

C - delete until end of line and insertr - replace character under cursorR - replace characters under cursor

Paste

p - paste text after cursor
P - paste text before cursor

Operators

operator -> count -> motion count -> operator -> motion

c - change
d - delete
y - yank
gu|U - change case

<> - remove/add indentation

toggle case

Text objects

 $operator \rightarrow a|i \rightarrow text-object$

a - select "a"n object including white spacei - select an "i"nner object without white space

w - word - punctuation considered words

W - WORD - non-blank characters, space separated

s - sentence b - block ()

B - block {}

p - paragraph

t - tag

'" - quoted text

Search line

f or F - search forward/backwards on line
t or T - search forward/backwards to preceding char

; or , - goto next or previous selection

Search document

/ or ? - search forward or backwards in document n or N - goto next or previous selection

* - search word under cursor forward

- search backwards (cgn replaces word, . repeat)

Substitute in document

:%s/foo/bar/g - substitute 'foo' for 'bar'
s/foo/bar - substitute within visual selection

Search project

:grep foo - search for 'foo' in all files in cwd
:grep foo src - search for 'foo' in ./src

Marks

m [upper case letter] - create global mark
m [lower case letter] - create local mark

' [letter] - jumps to start of marked line backtick [letter] - jumps to line/column of the mark

:marks - show marks

:delmarks! - delete lowercase marks current buffer

Folds

zf{motion} - create fold
v{motion}zf - create fold
za - toggle fold
zM - close all folds
zR - open all folds

zE - eliminate all folds (foldmethod=manual|marker)

Windows

ctrl ws - split window

Various

ZZ - save and quit

ZQ - quit

J - join line below gf - open file

gx - open link gt - cycle tabs

gT - reverse cycle tabs

gv - reselect last visual mode selection
I[text]esc - insert multiple lines visual block mode

repeat command

:!wc % - run external command, % is current file

:sort u - sort and remove duplicates

ctrl w - delete word before cursor (insert mode)

https://elsewebdevelopment.com/ultimate-vim-keyboard-shortcuts/