

Regex Cheat Sheet

1. Basics

Regex	Meaning
.	Any character except newline
\	Escape special character
^	Start of string/line
\$	End of string/line
	OR (e.g., cat dog)

2. Character Classes

Regex	Meaning
[abc]	Match a, b, or c
[^abc]	NOT a, b, or c
[a-z]	Range lowercase letters
[A-Z]	Range uppercase letters
[0-9]	Digits
\d	Digit (same as [0-9])
\D	Not a digit
\w	Word char [A-Za-z0-9_]
\W	Not a word char
\s	Whitespace (space, tab, newline)
\S	Not whitespace

3. Quantifiers

Regex	Meaning
*	0 or more
+	1 or more
?	0 or 1 (optional)
{n}	Exactly n
{n,}	n or more
{n,m}	Between n and m

4. Groups & Anchors

Regex	Meaning
(abc)	Capturing group
(?:abc)	Non-capturing group
(?<name>abc)	Named capturing group
\1	Backreference to group 1
\b	Word boundary
\B	Not a word boundary

5. Assertions

Regex	Meaning
(?=...)	Positive lookahead (must be followed)
(?!...)	Negative lookahead (must NOT be followed)
(?<=...)	Positive lookbehind (must be preceded)
(?<!...)	Negative lookbehind

6. Common Examples

Regex	Meaning
\d{3}-\d{2}-\d{4}	SSN format: 123-45-6789
\(\d{3}\) \d{3}-\d{4}	Phone: (123) 456-7890
[A-Za-z0-9._%+-]+@[A-Za-z0-9.-]+\.[A-Za-z]{2,}	Email
https?://[^\s/\$. ?#].[^\s]*	URL
^[A-Z][a-z]+\$	Capitalized word