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# Python Regular Expression Quick Guide

Here is Dr. Chuck's RegEx "cheat sheet". You can also download it here:

<https://www.py4e.com/lectures3/Pythonlearn-11-Regex-Handout.txt>

<b>^</b>	Matches the beginning of a line
<b>\$</b>	Matches the end of the line
<b>.</b>	Matches any character
<b>\s</b>	Matches whitespace
<b>\S</b>	Matches any non-whitespace character
<b>*</b>	Repeats a character zero or more times
<b>*?</b>	Repeats a character zero or more times (non-greedy)
<b>+</b>	Repeats a character one or more times
<b>+?</b>	Repeats a character one or more times (non-greedy)
<b>[aeiou]</b>	Matches a single character in the listed set
<b>[^XYZ]</b>	Matches a single character <i>not</i> in the listed set
<b>[a-z0-9]</b>	The set of characters can include a range
<b>(</b>	Indicates where string extraction is to start
<b>)</b>	Indicates where string extraction is to end

For more information about using regular expressions in Python, see

<https://docs.python.org/3/howto/regex.html>