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Academy**

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**Big Data Analytics com R e Microsoft Azure
Machine Learning**

**Linguagem R
Tabela Expressões Regulares**



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Código	Descrição
\\d	Dígitos, 0,1,2 ... 9
\\D	Não dígito
\\s	Espaço
\\S	Não Espaço
\\w	Palavra
\\W	Não Palavra
\\t	Tab
\\n	Nova Linha
^	Começo da String
\$	Fim da String
\\	Caracteres especiais, e.g. \\ is "\", \+ is "+"
	Alternation match. e.g. /(e d)n/ matches "en" and "dn"
.	Any character, except \\n or line terminator
[ab]	a or b
[^ab]	Any character except a and b
[0-9]	All Digit
[A-Z]	All uppercase A to Z letters
[a-z]	All lowercase a to z letters
[A-z]	All Uppercase and lowercase a to z letters
i+	i at least one time
i*	i zero or more times
i?	i zero or 1 time
i{n}	i occurs n times in sequence
i{n1,n2}	i occurs n1 - n2 times in sequence
i{n1,n2}?	non greedy match, see above example
i{n,}	i occurs >= n times
[:alnum:]	Alphanumeric characters: [:alpha:] and [:digit:]
[:alpha:]	Alphabetic characters: [:lower:] and [:upper:]
[:blank:]	Espaços em branco: e.g. space, tab
[:cntrl:]	Control characters
[:digit:]	Dígitos: 0 1 2 3 4 5 6 7 8 9
[:graph:]	Graphical characters: [:alnum:] and [:punct:]
[:lower:]	Lower-case letters in the current locale
[:print:]	Printable characters: [:alnum:], [:punct:] and space



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<code>[[:punct:]]</code>	Punctuation character: ! " # \$ % & ' () * + , - . / : ; < = > ? @ [\] ^ _ ` { } ~
<code>[[:space:]]</code>	Space characters: tab, newline, vertical tab, form feed, carriage return, space
<code>[[:upper:]]</code>	Upper-case letters in the current locale
<code>[[:xdigit:]]</code>	Hexadecimal digits: 0 1 2 3 4 5 6 7 8 9 A B C D E F a b c d e f