Helpful Links:

Test Regexp - [regexr.com/](https://regexr.com/)

Computerphile on Regular Expression - [Youtube](https://www.youtube.com/watch?v=528Jc3q86F8)

Automaton - [Edge of Chaos](https://math.hws.edu/eck/js/edge-of-chaos/CA-info.html)

*What are regular expressions?*

Regular expressions are patterns of prose that occur commonly across a set of sentences

*What are regexp used for?*

To search through text, validate inputted text, or replace existing text

*How can you use regular expressions in queries?*

Say you have a column of strings, and you only want the records where this regular expression shows up, the use WHERE column\_name RLIKE regular expression

**Regex\_Replace** (source\_char, pattern, replace\_string, position *other parameters)*

Source\_char = column of strings, source of the character expressions that are being searched

Pattern = Regular expression

Replace\_string = what regular expression is replaced with

Position = What position of each string should search begin

On databricks you need to use three “///” for character classes