

Regular Expressions Presentation

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What are regular expressions?

Regular expressions are strings that use symbols to represent patterns in other strings.

How can you use regular expressions in Python?

You can use regular expressions to find and replace patterns with strings in python.

What are **metacharacters**? What are **character classes**?

Metacharacters are the symbols that represent concepts that regular expressions use in patterns.

Character classes are used to match with a character in a list of specific characters.

What are **groups**? How can groups be extracted from a string?

Groups are used in regular expressions to use multiple characters together for metacharacters.

What is the relevant information we need to extract from a string representation of a polynomial? How can we use the re module to accomplish this?

We need to use groups with `match.groups()` to get individual parts of the polynomial.