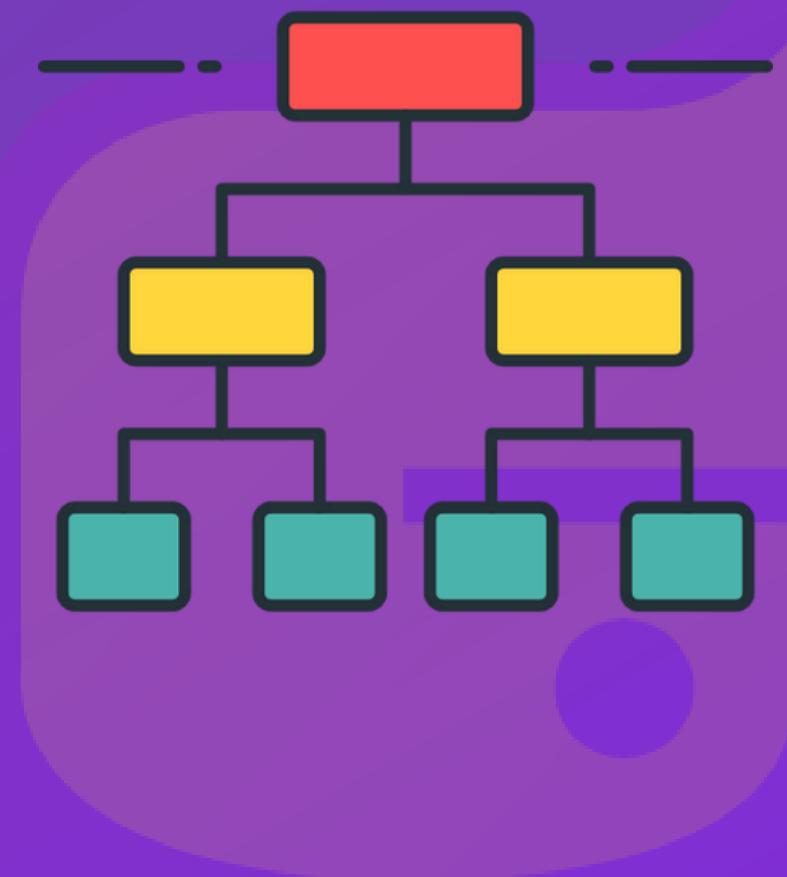


DATA STRUCTURE

A **data structure** represents a specialized format for organizing, processing, retrieving and storing data.

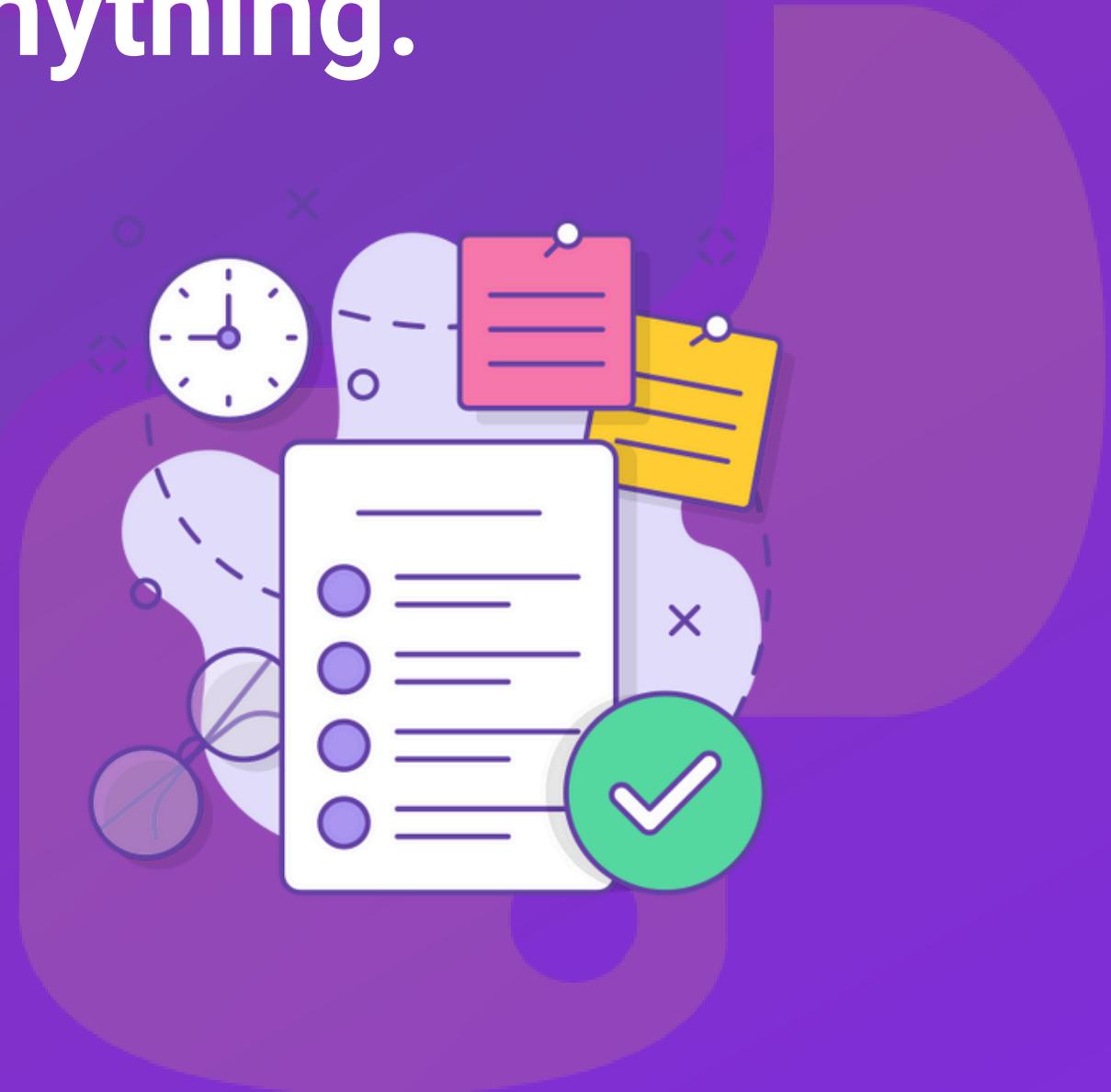


LISTS IN PYTHON

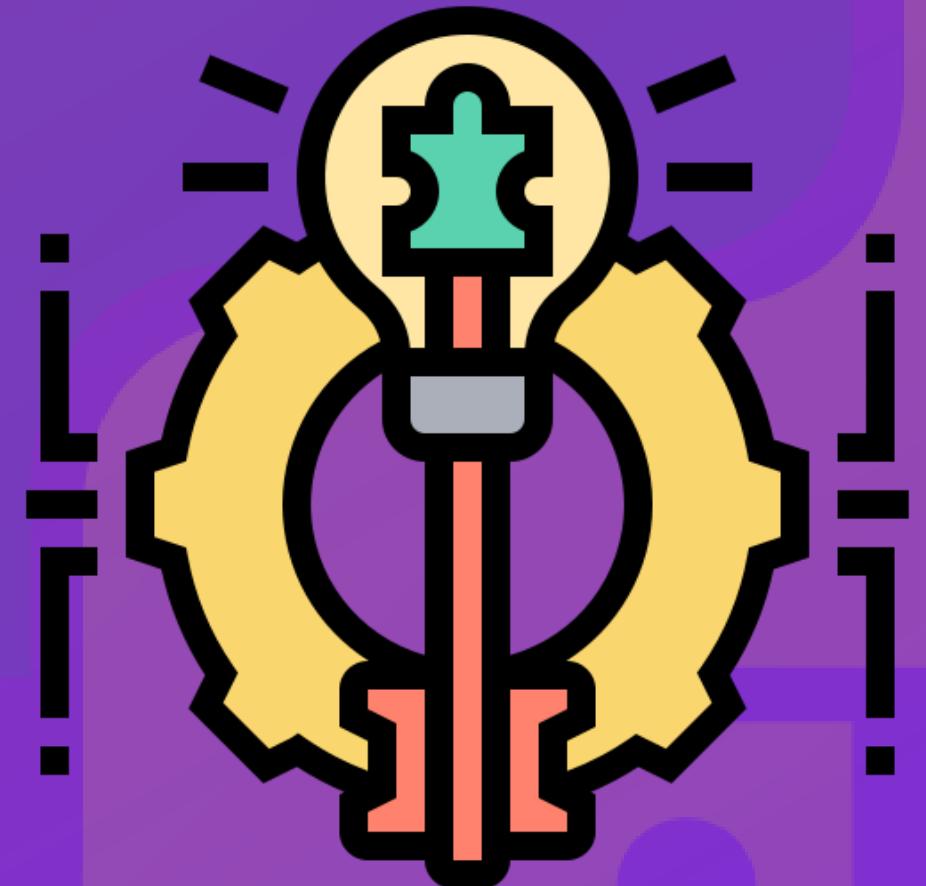


WHAT IS A LIST?

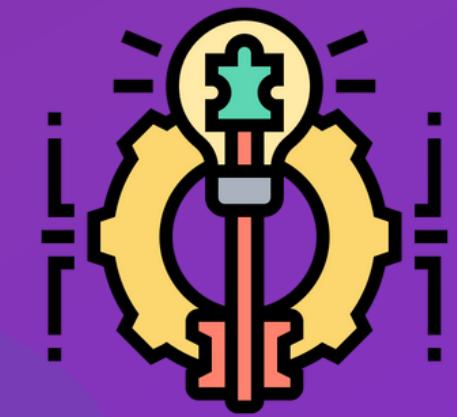
A Python **list** is an ordered collection of items, which can include almost anything.



LIST COMPREHENSION

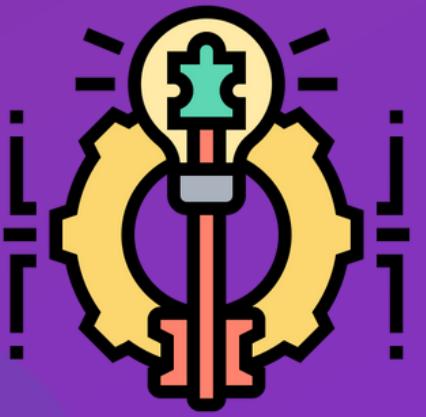


LIST COMPREHENSION



It's the “Pythonic” way of constructing a list.

LIST COMPREHENSION



List comprehension offers us a shorter and more concise syntax to create a new list based on the values of an existing iterable.