Data structures:-

What are data stru:-

Data structures are a way of store and organize the data efficiently. This will allowed to easily access and perform the operations on the data.

In python the data structures are

1. list

2. tuple

3. dictionary

4. sets

1. list:-

List in python are the most versatile data structure. They are used to store heterogeneous data item, from integers to string or even another list. They are also mutable which means that their elements can be change even after the list is created.

Create a list:-

\* In python we can create an empty list by using “[]”

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List comprehension:-

\*it offers a shorter syntax when you want to create a new list based on the values of an existing list.

Syntax:-

Newlist =[expression for item in iterable if condition ==True]