

Comprehensions : Different executions for same procedures (loops)

→ This includes data structures.

↳ Lists (Arrays)

↳ Sets

↳ Dict (JSON)

→ Operations :

Declared —
↳ for $O(n)$
 $O(1) \times$

Declaring
↳ for $O(n)$

Time Complexity ?

→ Map, Filter, Lambda

→ Map : General function iterator.

→ Filter : Function iterator for T boolean values.

- s Filter : Function iterator for T boolean values.
- > Zip Function : Takes 2 lists & makes a tuple out of them.

Dictionary - Hashmap

-> Set : Hashset : Uniqueness.

- > None of the values shall be repeated.
- s Occurrence oriented data structure.