**Package manager** – PIP, Conda

**Basics** – Basic Syntax, Variables, Data Types, Conditions, Loops, Exceptions & Errors, Functions

**Data Structures** – List, Tuple, Set, Dict

**OOP** – Classes, Inheritances, Methods

**Advance Python** – List comp, Generators, Expressions, Regex, Decorators, Iterators, Lambdas, Magic Methods, Map, Reduce, Filter, Threading.

**DSA** – Array & Linked Lists, Heaps, Stack and Queue, Hash Tables, Binary Search, Sorting Algo, Recursion

**Packages** – NumPy, Pandas, Matplotlib, Seaborn, Skikit-Learn, tensorflow, Keras, Pytorch

**Automations** – File Manipulation, Web scrapping, GUI Automations, Network Automation

**Testing** – Load Testing, Integration Testing, Unit, End to end

explain me the concept of tuples in python, its syntax and explain me in levels along with examples --> beginner, intermediate, expert, industry level

any more info you want to give regarding sets