Module Summary

Iterables

- **Lists:** Ordered, mutable List of Values
- **Sets:** Unordered, mutable List of Unique Values
- **Tuples:** Ordered, immutable List
- **Dictionaries:** Unordered Key-Value Pairs

Indexing & Unpacking

- **Indexing:** Access value by Index (the Key in Dictionaries!)
- **Unpacking:** Extract Data from the Iterable into Variables

List Comprehensions

- An elegant way **of converting an Iterable into a new Iterable**
- Can be **nested**
- Can be **combined with Conditions** (if, all, any)

Blockchain Status

- ☑ Chain of Data → Basic Implementation / More than just Numbers
- ☑ Mine new Blocks → With User Interface / Various Miners
- ☑ Block Hashing → Basic Implementation / Block Hashing Value Only Anymore
- ☑ Analyze & Verify Chain → Basic Implementation
- ☑ Transactions
- ☐ Store Chain to Disk
- ☐ Node Network
- ☐ Share Data, Resolve Conflicts
- ☐ Wallets