Python training:

Standard pythin version from 2.7. Currently 3+

* Object oriented
* Highly readable (indentaion)
* Python is interpreter language: Run tiem
* Guido van Rossum – the god
* REPL - Read, EVAL, Print, Loop
* Backward compatibility isn’t there so should have versions in which the code was written

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Type() – to get the type of the variable

Can convert from int to float or float to int not from

* Number operations –
* String operations
  + Split
  + Upper
  + Print based on index – space counted
  + Length
  + Lower
  + replace
* Boolean operator – true or false type() //a==b
* If , while, display backslash, raw\_str (what you see, what you get)

List object:

* Insert –
* (a=a+new)
* Append
* Clear
* Index
* Reverse
* Pop
* A\*3
* A+b
* Item in list (exist or not)

---Dictionary#

>>> #key value pair

>>> #'name' : 20

>>> #key = name and value =20

>>> #disctiona

Key remains same and value will be changing – if consider name and age as key and value

Key must be unique

* Len,add,remove, pop, clear, print based on index’s

--Tuple

Double colun -1

Sets#

Indexing not allowed

Can’t slice

No duplicates

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Functions:

Def – keyword

Put \* at parameter when need to pass multiple values

Lambda functions – anonymous

Csv file operations

Psd file operations

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Database with python: SQLite

Decorators - Functions defined inside another function, wraps - function can return

we can define function inside the function

Function in python are first class citizen