# Python Refresher 3 Topica fooday:

Data Structure Revision

D Vizzes

J Comprehenzions

Decking and unpacking

D Strings

Destroy formating

List

2) Mutable

3 Heterogeous

D De devic

 $L1 \Rightarrow L1, 2, 37 \leftarrow idity$  L1 Lo3 = eq 3  $id(L1) \leftarrow id2 \rightarrow aiggreent$  id(L1 Lo3)

Toples

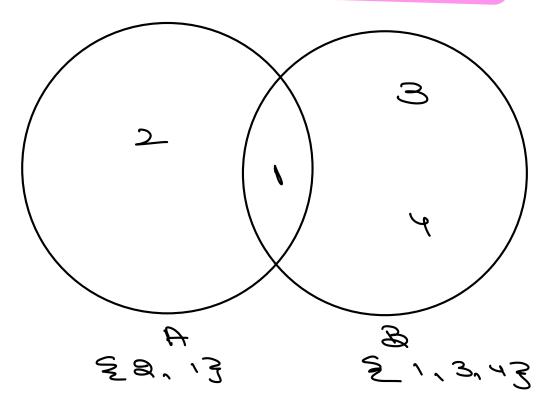
3) Same as Dist but immutable 3) thenory efficient and fast



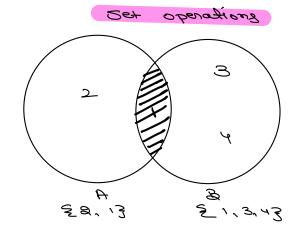
#### Sex

- D'unique collection (No Dups)
- D Insertion Ordered
- D Heterogeneous
- D Can only contain immudables

### Set operations



- \* Intersection => 2/3
- \* Union \$ 51.2,3,43
- \* Diffuence 2 Eaz (A-B)
- \* Symmetric D'iff) (AUB)-(AUB)



#### Intersection

## Does Organgaple?

Dictionary

- D K: 1 Bar
- D K D can only be immutables
- D V 3 No restriction
- 3 Insertion Order
- 3) Dynamic and mudable

## Set, dict > 0 (1) (n)0 (= egniste, esquit, teil

Packing and impacking  $CE, G, I = \frac{1+8iQ}{2}$ 

 $\mathcal{C}_{o\mathcal{I}/te'}\mathcal{Q} = \mathcal{D}$ 

EIJ HEIQ = d

C= 2'18+1 [2]

\* Unpacking

a.b.c= list1

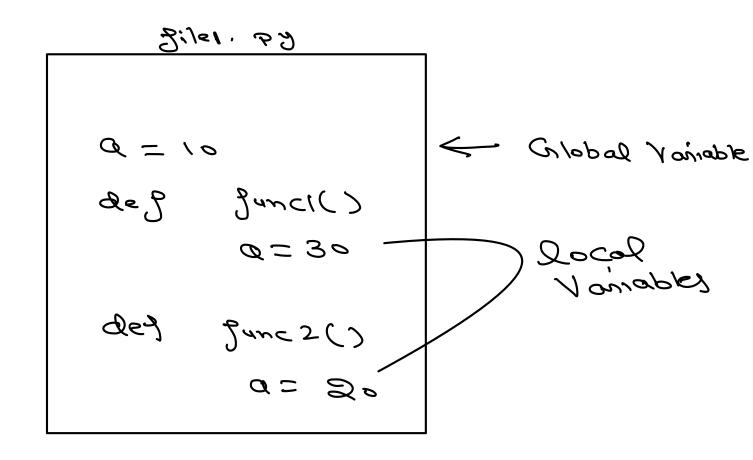
 $a_{aba} = a, b, c$  (1, 2, 3)

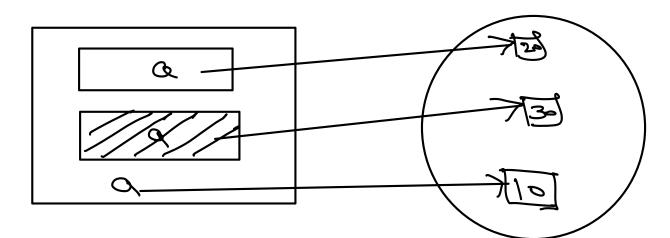
Strings

2 com wabk

D iterable

Dordered Dyou Can index and Slice





Explain mutable