## Agenda

- & Motivation behind Lints
- 9 Intialize Dists
- 5 Indexing Lists
- D Common List Methods
- D Membership Operator
- D Iterating Over Dist
- D Taking List as input

Motivation behind Lists

why do we need List?

Scared by kokli and we

want analyse:

D Max-run-scared

My Max-run-scared

My-runs

My My-runs

Sols and 100's run

matchi = 55 mat ch2 = 101 match 3 = 6 11 match7 = 65 248 <u>=</u>) Data-structure is collection of ptoC P FIBT 5 Typles D'iction ay 9 5 ch O What is a Dist? List: Data - Stouctures Cedered Dynamic Heterogenous Mutable

How de une create a list?

Empty Rist: my-list = []

my-list = Digt()

¿ ptob-Hico-teil

my-list 2 = [ 1, exis, Tour ]

Indexing

L'ist Methods

- Dappend: adds element at end of
- o insert (index, value): Can be used to add elements at an POS

Lound, sound, sound J

● Replace ? ?

Rist/ [index] = new-volue

9 Pop () 3 removes last Element by default