# Iterators & Generators

Iterator: An "treator is an object in Polton that allows you to travalle though a sequence (list, taple, stoing) one element at a time

It has a methods

### Generator.

def: It is a special type of iterator two can use to create custom iterators using a function with help of yield keyowid, each time yield is called the function passes of transfer its state presuming from the heat time it is the function passes of transfer its state presuming from the heat time it is

nent ()

-> yeld (1)

-> Ged (n)

#### When to we?

() when wooking with large dataset or thream of date

12, when you need to process data on-the fly without storing it all in mamory

13. D.E when you want to create pipelines for data transformation

## Enception Handling

## Try-Encept Block:

The tundamental madernism for handling exception in potton

try :

except Enception as e's

potnt(e)

- \* Multiple Encept Blocks
- \* Grogel Exceptions
- + Common Grouphin &
- \* I'm Clave
- \* finally Clause
- or Raising Encepting
  4 Cusom Succeptions

