## 2) time dries analysis:

analyzing a sequence of data points collected over an interval of time.

Egample:

Arralysts reword data points at noninstent intervals over a set period of time rather than just recording of the data points intermittenly or vandomly.

Why Time sources ?

- > Et helps organizations understands
  the underlying causes not strends
  palling our time.
- > using data Visulizations, business usors can see seasonal brends and dig dependents why

simple sink entr Enamples: in the wind yes non-stationary

graphs average and distributions - z

striat datal. In wronger or principle is . > 4 ndustrus like sknance; ordail and economies grequestly used Alme meis analysis

stock market analysis is an entillent og of TSA.

> Also used in Weather data, Industry forecasts, Interest rates, temperature ireadings.

# Program for fine sivilis analysis.

smport matphalib. pyplot as plt brown date time simpart date time, bime delta.

pet . style . use (' raboen').

dates =[ chall datifine (2020, 7,122) date Home (2020, 4, 13), date Home (2020,7,15), date fim. (2020, 7, 17), date Ame (2020, 7, 19), date time (2020,7,21), datitine (2020, 7, 13), y = [0,1,2,3,4,5,6] put . plot - date (dates, y) plt. Hight & layout () pet, show() 2