Stirte + StitCelibris Recovery TE > Trend Value and P St, Ct, Rt > Scasonal,

Uses of Time Series Analysis 1) study past behaviour Products variation a) The segregation of study of varuous components to plan the execution & policy decision

LING Maxo

Components of Time sones O Secular Trend/LongTerm Port in long period of teme Ex- Medical Advancement, curreency circulation, inflation.

3) Perwodic changes, Short Term Fluctuation repeat after some time

A. Seasonal Variation have same pattern repeated every YEAR Ex- lacreeam salus 1 Min counter 3

B. Cyclic Variation Oscillatory movement in time series with a persod > 1 year. Ex- Bosiness Cycle > Prosperity

Recession Depression K cyclic, Random fluction (3) Irregulare /Random component

Ex- Easthquake, CORONA

Problems of Time series An - twinat coursed change? > Study, analys, measur

