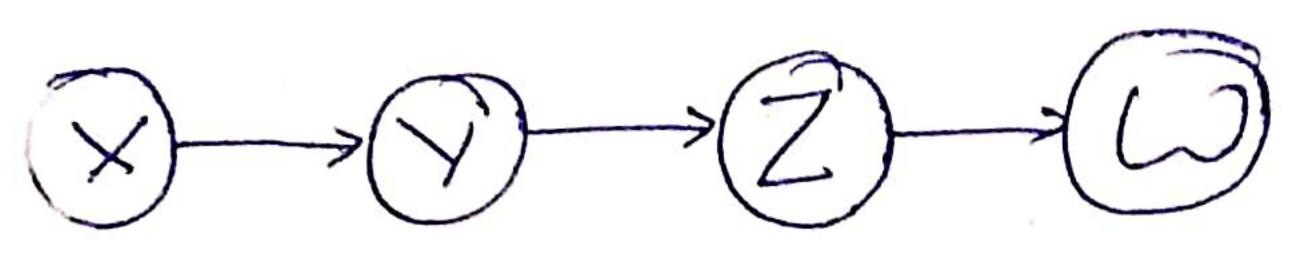
DN: Independence

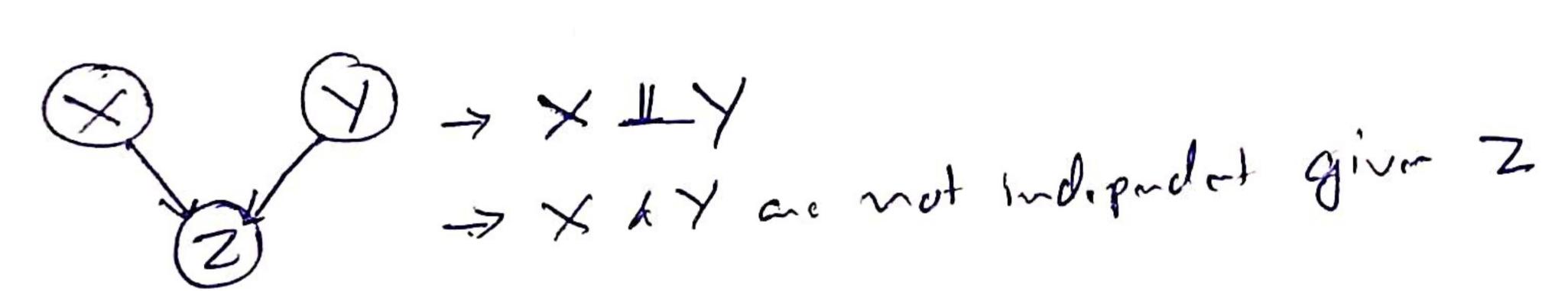


· Conditind independère absumptions direits from Simplifications in chair sule:

ZIXIY WIX,YIZ

· Additional implied conditional independence assumptions WLXIY

* D-sepanation



D >X #Y

=> X KY ave not independet giver K

Manery: X; IXXX, -- Xx,

n Chack all (undirected) paths between X; & X;

> If one or more active, the independence not guaranteedo

Lo Otherwise them independence is gharanterd.

