So 
$$V^{+}(Z)$$
,  $V^{-q}(Z)$  have dusted

So  $E(F_{Z(Y)}(Y!))$  has innseed

 $F_{Z(Y)}(Y') \leq F_{Z(Y')}(Y!)$ 

in pultador For for Y < Y! P(= FZ(Y) (Yi) & FZ(Y) (Yi) & FZ(Y') (Xi') = Pi' hote for YEY! Then pi(Y) = pi(Y') => pi(Y') \geq di \tag{PE(Y) \geq dis P(X) YEA) = I p(X) dy?

A P(XED | Y=y dy) aby) dy. = SA So p(xly) dxdy. P(XeD, YeA) = 1 P(XeA) - P(Xey) dxdy. = So SA P(X/y) day ply) day dx