* Poisson distribution
The foisson distribution is a discrete prob distribution that describes the no of events that occur within a fixed interval of time or space given a known average rate of occurrent
interval et time or space given a known average rate et occurrent
* No of events occurring in a fixed time interval.
ex. No ef Calls recieved by a customer care every hours.
ex- No ef people Lexibility people Lexibility for the second se
leadol lashilal pml. 0.7
ex. No of people Visitry temple [hospital] bankel pix pert every how. every how. On how the accident every how at above year.
eg No ef accident every thou 25 3rd Dun how at a bous ye
how at a busyle
eg No et emails recieved every hour.
$pml \Rightarrow p(\chi = \chi) \Rightarrow \frac{-h}{e} hour$ $hour$ ho
X) summer every inte
A = 10 P visity at 5th hour -10
$P(\chi=3) = e^{\chi} \chi^{\chi} \Rightarrow (2.718) \cdot (0^3 \Rightarrow $
-NI
eg: The any number of customers entering a store
eg: The any number of customers entering a store in an hour is 5. What is the foods of exactly 3 customers will enter the store next hour?
k! 36

 $= 2.718^{-5} \times 125$ = 6 $= 0.0674 \times 135 \sim 0.14$ = 0.14 = 0.