확률변수

P(A) > P(X) 
$$ex(p(\frac{520}{9}))$$

Let 
$$Ax$$
 be an event | example  
 $Ax = \{ w \mid X(w) = x \}$  |  $A_0 = \{ TT \}$   
 $P(Ax) = P_2(x = x)$  |  $A_1 = \{ HT, TH \} = \} P(A_1) = P(1)$ 

Distribution function

for an Ru(Random var) X, a real value x

Culmoldine Distribution Function (CDF) 누정도주본모(?)

$$F_{x}(x) \stackrel{!}{=} P(X \leq x) + 3 \% \qquad X \in \{0,1,2\}$$
   
  $F_{x}(1) = P(X \leq 1) = P(\xi 0,1) = P(0) + P(1)$ 

 $()x_1(X_2 \rightarrow F_X(x_1) \leq F_1(x_2)$ 

$$(3) F_X(\infty) = \lim_{x \to \infty} F_X(x) = 1$$

$$\frac{1}{|x|} = \frac{1}{|x|} = \frac{1$$

- . non continuous
- · Integer

Probability mass function