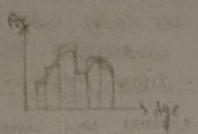
(Continuous value)

(Discrete nature)



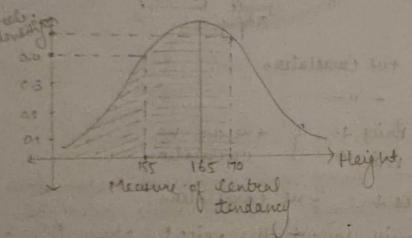
THE TOTAL STREET

then we say it as Pdf.

districted value then, you hasically use prof to prophality see the distribution

1) Probability density function

1. Lantinuous random variable

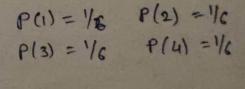


Pr (H & 155)
(Area under rewere)

Pr(H7155 and H 5170)

1. Descrete random variable

eg: Rolling a dice 3112,3,4,5,63

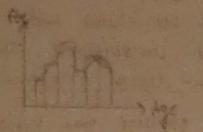


$$P(X \le 4) = P(X=1) + P(X=2) + P(X=3) + P(X=4)$$

$$= \frac{1}{6} + \frac{1}{6} + \frac{1}{6} + \frac{1}{6} = \frac{1}{6}$$

(Lantinian value)

(Discrete realise)



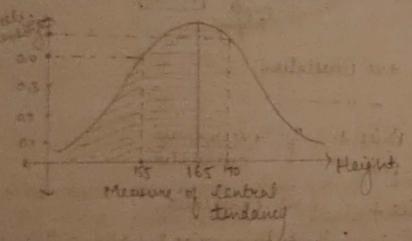
IIIII , no of entered

. Whenever you have the southward value and you try to draw the distribution than we say it as Pdf.

districted value then, you hasically use prof to prophality see the distribution

1) Probability density function

1. Continuous random variable



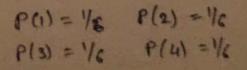
Pr (H S 155) (Area under rewree)

Pr(H7155 and H 5170)

2) Browdility Mass Function

1. Descrite roundom variable

eg: Ralling a dice ? 1,2,3,4,5,63



$$P(X \le 4) = P(X = 1) + P(X = 2) + P(X = 4)$$

$$= \frac{1}{4} + \frac{1}{4} + \frac{1}{4} = \frac{1}{4} = \frac{1}{4}$$

