

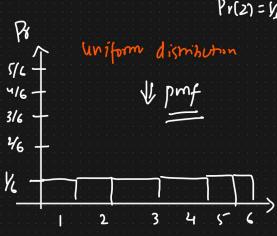
Probability Density Function And Probability Mass Function

Cumulative Distribution Function (cdf)

- O PMF .
- 1) Discrete Random Variable

Eg: Rolling a dice { 1,2,3,4,5,6} Pr(1)= 1/6

Pr(2) = 1/2



$$P_{Y}(X=1) = \frac{1}{6}$$

$$P_{Y}(X=2) = \frac{1}{6}$$

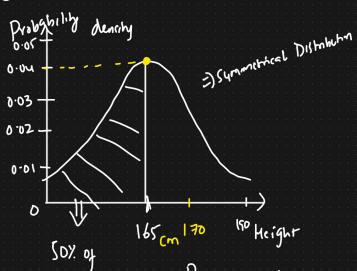
CDF

Cumulative Probability C/6 A



2) Probability Density Function (PDF)





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CDF

