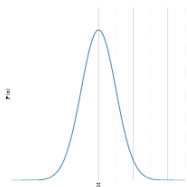




Distinguish discrete and continuous data

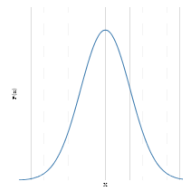
- 1** Would this model represent a discrete or a continuous random variable?



A Discrete

B Continuous

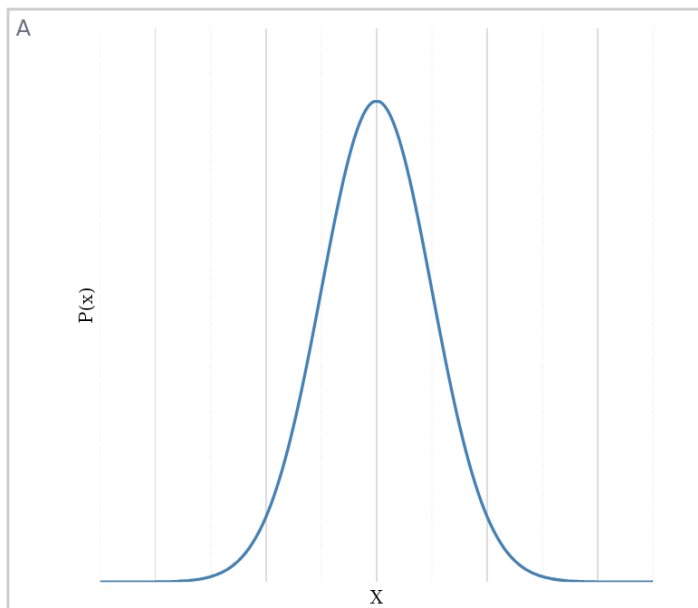
- 2** Which random variable could be represented by this model?



A Amount of rainfall during a storm

B Number of Heads obtained in five coin flips

- 3** Discrete



B

X	$P(X)$
X_1	$P(X_1)$
X_2	$P(X_2)$
X_3	$P(X_3)$

- 4** Reaction time of a video game player

A

Discrete

B

Continuous

- 5** Discrete

A
Height of a randomly selected student

B
Students absent from a classroom



Distinguish discrete and continuous data

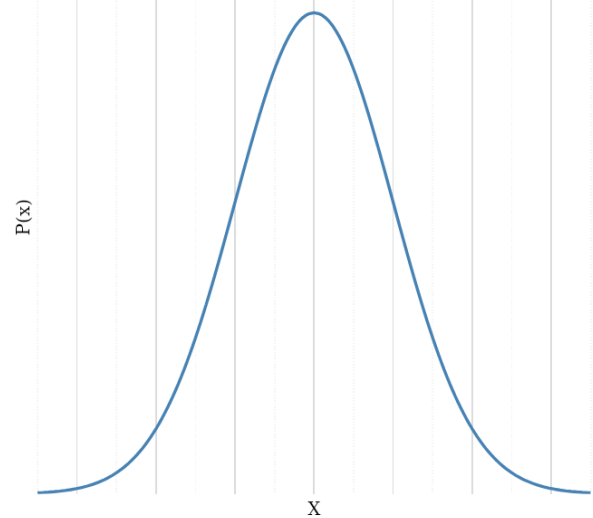
6

Flights arriving at an airport in one hour

A

X	$P(X)$
X_1	$P(X_1)$
X_2	$P(X_2)$
X_3	$P(X_3)$

B



7

Quantitative (discrete)

A

Reaction time of a video game player

B

Number of books borrowed from a library

C

Daily rainfall in a city

8

Amount spent on groceries during one shopping trip

A

Qualitative

B

Quantitative (continuous)

C

Quantitative (discrete)

9

Questions skipped on a final exam

A

Continuous

B

Discrete

10

Discrete

A

Wins earned by a baseball team during a season

B

Reaction time of a video game player