Normal Distribution/Gaussian Distribution

20 June 2025   19:21

Suppose, per capita monthly income of India is Rs. 15,000/-

Income groups:
0 - 5k
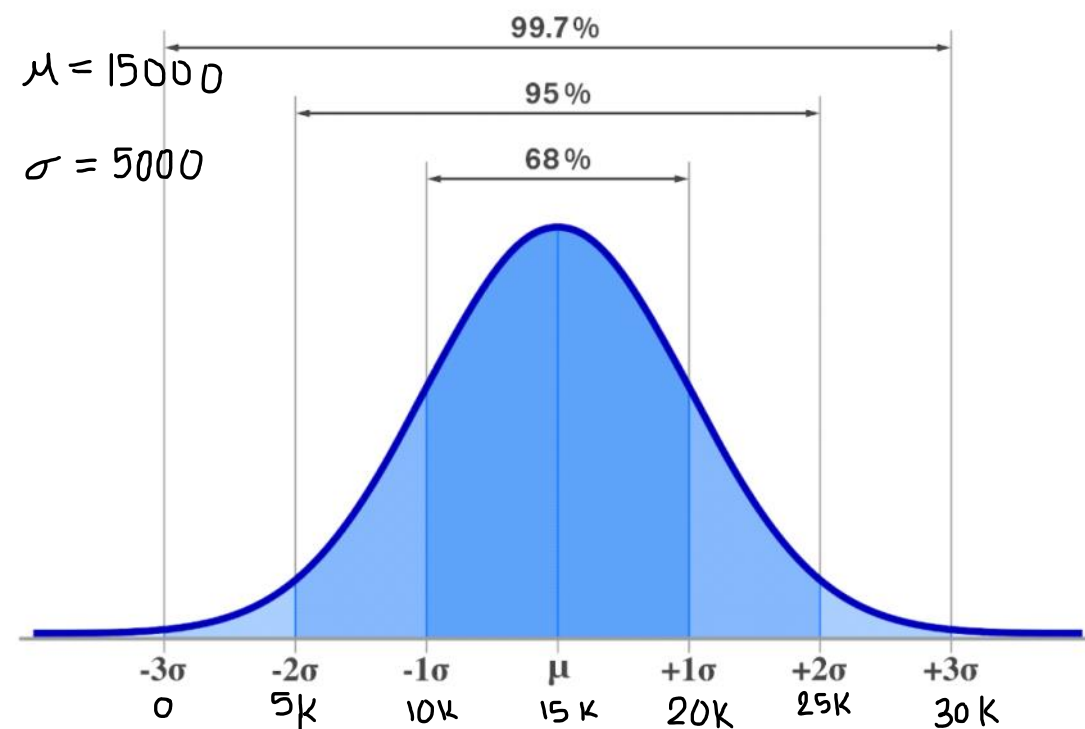5k - 10k
10k - 15k
15k - 20k
20k - 25k
25k - 30k
Beyond 30k

$\mu = 15000$

$\sigma = 5000$

**Balls produced by manufacturer have mean 50 mm and std dev 2 mm.
What fraction of balls are smaller than 53 mm?**

Click on an option to submit your answer

A	0.84
B	0.93
C	0.96
D	0.99

1.5 sigma

99.7%

95%

68%

-3σ -2σ -1σ μ +1σ +2σ +3σ

50   52   54