

### Task 8: Gaussian Distribution

The given data follows a normal distribution with a **mean of 100** and a **standard deviation of 15**. Based on the **68-95-99.7 rule**, we can estimate that:

- About **68%** of the data falls within **one standard deviation** of the mean.
- This means most values lie between **85 (100 - 15)** and **115 (100 + 15)**.

So, we can conclude that **approximately 68% of the data lies between 85 and 115** in this normal distribution.