

A histogram with 25 gray bars and a blue normal distribution curve overlaid. The x-axis is labeled 'Value of the Variable' and has tick marks at -2, 0, and 2. The y-axis is unlabeled but has horizontal grid lines. A text box in the upper right contains the formula for the normal distribution function.
$$f(x) = \frac{1}{\sqrt{2\pi}} e^{\left(-\frac{1}{2}x^2\right)}$$

-2

0

2

Value of the Variable