



Probability    The Normal Curve       Z-Scores       Significance

### Understanding the coin toss

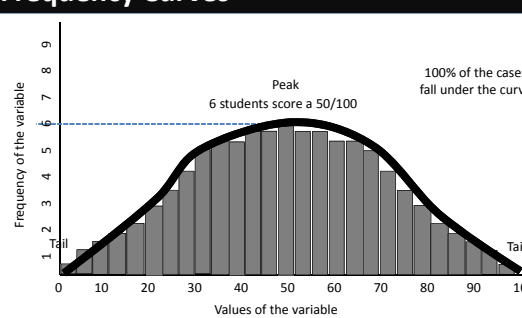
<http://justflipacoin.com>



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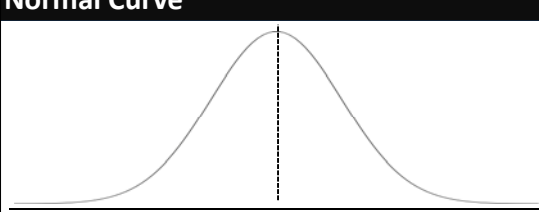
### Frequency Curves



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### Normal Curve

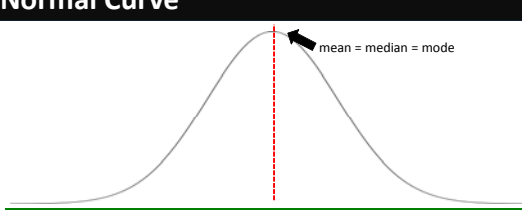


The normal curve is the type of distribution we would expect in a truly random draw, if everything is held constant, with nothing affecting the data.

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### Normal Curve



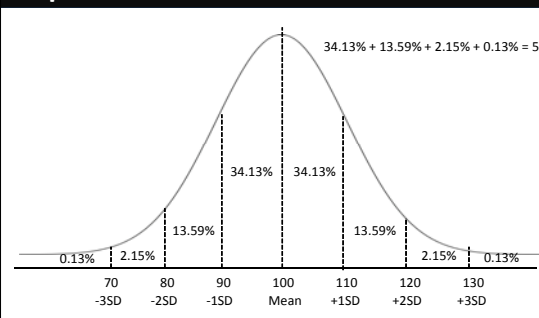
The normal curve has three characteristics:

- 1) Identical central tendency
- 2) Symmetry
- 3) Asymptotic

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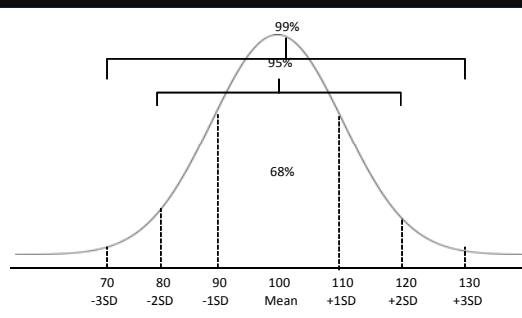
### Properties of the Normal Curve



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### 68-95-99 Rule



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