Some interesting Quotes for Probability!

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Chapter 1

Axioms of Probability

> The most important problems of life are, for the most part, really only the problems of Probability.
>
> *Laplace*

1.1 Basics of Probability

This is all very standard nothing out of the ordinary. The theory of Probability arised from the game of chance. In order to predict the winners.

$$A_1 + A_2 + A_3 + A_4 + \ldots + A_N = \mathbf{XOR}(\mathbf{A_1} + \mathbf{A_2} + \mathbf{A_3} + \mathbf{A_4} + \ldots + \mathbf{A_N})$$

The classical definition of Probability is given as :

$$P(A) = \frac{Numberofeventsfavourabletooutcome A}{TotalNumberofPossibleevents}$$

Thanks to LaTeX