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an axiomatic mathematical formalization in probability theory which is used widely in areas of study such as statistics mathematics science finance gambling artificial intelligence machine learning computer science game theory and philosophy to for example draw inferences about the expected frequency of events

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example there are 5 marbles in a bag 4 are

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basic concepts of the poisson process the poisson process is one of the most widely used counting processes it is usually used in scenarios where we are counting the occurrences of certain events that appear to happen at a certain rate but completely at random without a certain structure for example suppose that from historical data we

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in this post i ll explain what the maximum likelihood method for parameter estimation is and go through a simple example to demonstrate the method some of the content requires knowledge of fundamental probability concepts such as the definition of joint probability and independence of events

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probability concepts explained introduction i have read many

texts and articles on different aspects of probability theory over the years and each seems to require differing levels of prerequisite knowledge to understand what is going on i am by no means an expert in the field but i felt that i could contribute by writing what i hope to be a series of

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