



Memoryless property of Poisson process :-

No. of occurences in disjoint time intervals has nothing to do with each other.

This property is handorned into emponential process on follows

 $P(T > t_0 + t) = P(T > t_0 + t \mid T > t_0)$

So it means that we can apply exponential distribution only in the cases where there is no continuous decay involved.

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