**INTRODUCTION**

* ***Joint Cumulative Distribution Function***

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* ***Joint Probability Mass Function***
* ***Possible Value Range***
* ***Marginal PMF***

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* ***Joint Probability Density Function***

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| *Probability Density Function* | *Cumulative Distribution Function* |
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* ***Marginal PDF***

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***FUNCTION OF 2RV***

* ***Expected Value***
* ***Variance***
  + *Covariance*
  + *Correlation*
* *Orthogonal X & Y:*
* *Uncorrelated X & Y:* 
  + *Correlation Coefficient*

**CONDITIONING BY EVENT**

* ***Probability Mass/Density Function***
  + ***Discrete***
  + ***Continuous***
* ***Expected Value*** 
  + ***Discrete***
  + ***Continuous***
* ***Variance***