

Deterministic to Random: The Role of Probability in AI and Data Science

Data Science and A.I. Lecture Series

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 - Random (or Probabilistic) Experiments

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 - Example: Testing Ohm's Law under the same conditions always results in the same relationship between voltage, current, and resistance.

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 - Randomness is ensured by shuffling the deck thoroughly before drawing.

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Applications of Probability in AI and Data Science

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- Probability helps in determining confidence intervals and testing the validity of models.

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