STATISTICS AND ARTIFICIAL INTELLIGENCE (AI)

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The collection, analysis, interpretation, and presentation of data is the realm of statistics, which involves the application of mathematical models and techniques to draw conclusions from the data. Artificial intelligence (AI), on the other hand, refers to the ability of machines to perform tasks that would typically require human intelligence, including learning, problem-solving, decision-making, and language understanding. AI algorithms utilize mathematical models and vast amounts of data to identify patterns and make predictions, continually improving their accuracy through a process known as machine learning. For AI researchers, statistics represents an area of potential interest as it provides tasks that are well-suited to current AI capabilities while also presenting opportunities to develop new AI techniques.

In the talk we will explore the impact of statistics on the artificial intelligence, which is currently one of the most popular areas of research.