



# International Conference on Data Science

## Why in News?

The **Department of Statistics and Operational Research, Kurukshetra University**, is going to organise an international conference on “**Innovative trends in statistics, optimisation, and data science**”.

- It is in conjunction with the **44<sup>th</sup> annual convention of [Indian Society for Probability and Statistics \(ISPS\)](#) and the eighth convention of the [Indian Association for Reliability and Statistics](#).**

## Key Points

- **Details of the International Conference:**
  - The three-day international conference is **scheduled to be held from 21st to 23rd December 2024.**
- **Objective and Topics of Discussion:**
  - According to **Kurukshetra University Vice-Chancellor** the conference will serve as a platform to discuss:
    - Responsible [Artificial Intelligence \(AI\)](#)
    - Data-centric AI
    - Edge intelligence
    - Automation of data cleaning
    - Industry-specific data applications
    - Data privacy
    - Other relevant AI-related topics

## Artificial Intelligence (AI)

- **About:**
  - AI is the ability of a computer, or a robot **controlled by a computer to do tasks that are usually done by humans** because they require human intelligence and discernment.
    - Although there is **no AI that can perform the wide variety of tasks an ordinary human can do**, some AI can match humans in specific tasks.
- **Characteristics & Components:**
  - The ideal characteristic of artificial intelligence is its **ability to rationalize and take actions** that have the best chance of achieving a specific goal. A subset of AI is [Machine Learning \(ML\)](#).
  - Deep Learning (DL) techniques **enable this automatic learning** through the absorption of huge amounts of unstructured data such as text, images, or video.

