SNS COLLEGE OF TECHNOLOGY

Coimbatore - 35

23BAT615 – Artificial Intelligence for Managers

Unit V – Framework for delivering AI Solutions

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Guess the Topic!!!
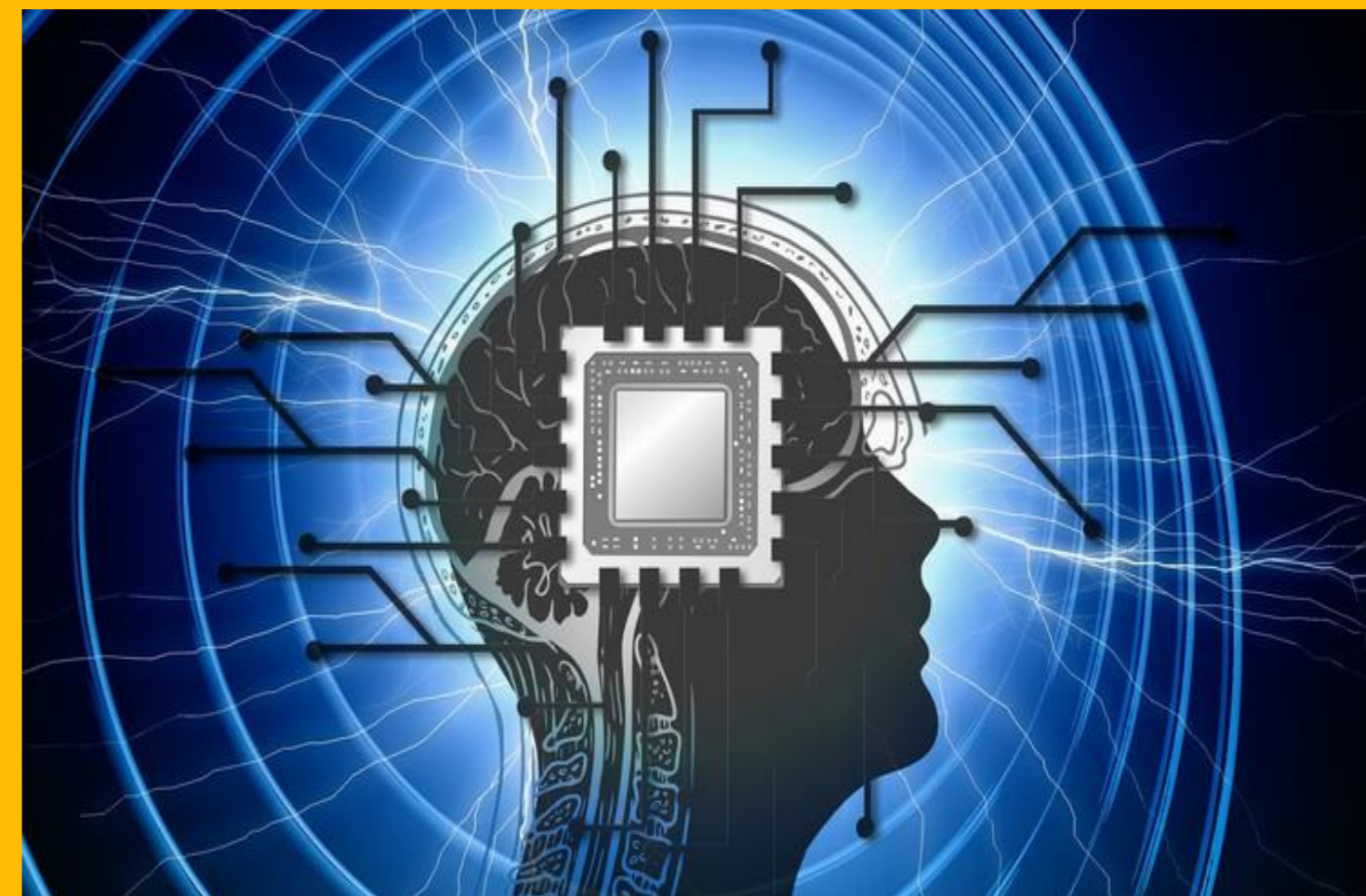
Usage of Data to influence decisions

Recap

> Lessons in story telling

Discussion about….

Influencing Decisions Through Data Analysis

- x Introduction

- x Statistical Analysis

- x Predictive Analytics

Influencing Decisions Through Data Analysis

Introduction

Understanding the power of data analysis in shaping decisions is crucial for modern organizations. By leveraging *data-driven insights*, businesses can gain a competitive edge and drive strategic outcomes.

Data provides valuable insights that can guide strategic decision-making. Analyzing trends and patterns within data sets allows organizations to make informed choices, optimize processes, and identify new opportunities.

Effective visualization of data is essential for conveying complex information in a clear and understandable manner. Utilizing tools such as *charts*, *graphs*, and *dashboards* can facilitate better decision-making.

Statistical Analysis

Conducting **statistical analysis** enables organizations to derive meaningful insights from data. By employing techniques such as *regression analysis* and *hypothesis testing*, businesses can make evidence-based decisions.

Predictive Analytics

Leveraging predictive analytics empowers organizations to forecast future trends and outcomes. By utilizing historical data and advanced algorithms, businesses can anticipate market shifts and make proactive decisions.

Summary

Influencing Decisions Through Data Analysis

- Introduction

- Statistical Analysis

- Predictive Analytics

References

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Thanks!