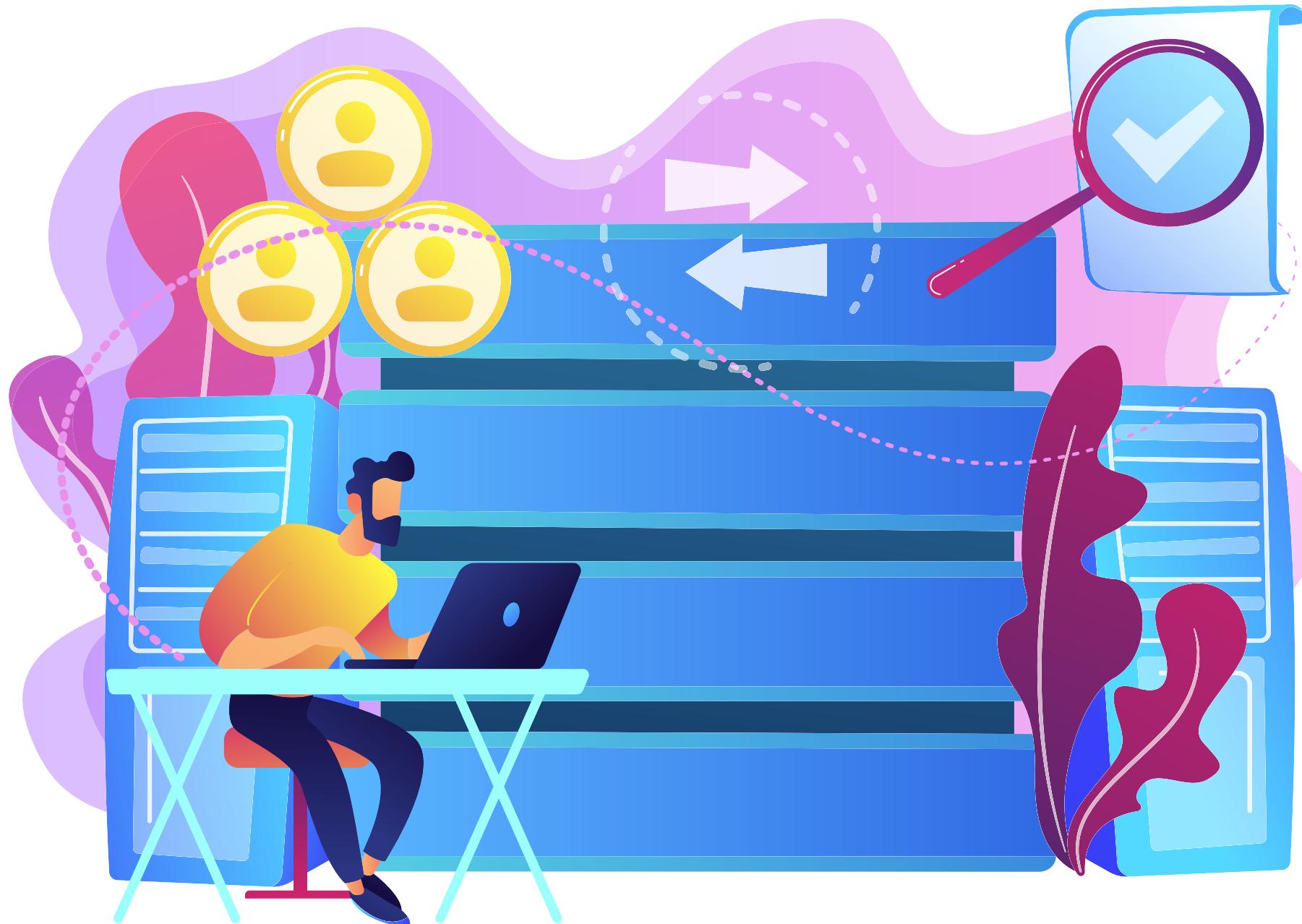


Data Insights

Duration: 24 Hours





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About the course

The "Data Insight" course is designed to equip participants with the knowledge and practical skills necessary to excel in data reporting and analysis. From understanding the fundamental differences between data reporting and analysis to crafting data-driven reports that enhance overall business performance, this course provides a comprehensive journey into the world of data insights.



Learning Objectives

- Differentiate between data reporting and data analysis
- Understand the types of data reports for different organisational purposes
- Apply essential principles of data reporting to present meaningful data-driven business reports
- Incorporate key performance indicators (KPIs) and metrics relevant to specific reporting objectives



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- Introduction to Data Insights
 - Definition and Importance
 - Role in Decision-Making
 - Evolution and Significance
- Fundamentals of Data
 - Types of Data (Structured, Unstructured, Semi-structured)
 - Sources of Data
 - Data Collection and Processing Basics
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 - Data Visualization
 - Exploratory Data Analysis (EDA)
- Introduction to Data Insights Tools
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 - Introduction to Data Visualization Tools (e.g., Tableau, Power BI)
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 - Supervised and Unsupervised Learning
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- Data Governance and Ethics
 - Importance of Data Governance
 - Data Security and Privacy
 - Ethical Considerations in Data Insights
- Predictive Analytics and Forecasting
 - Time Series Analysis
 - Predictive Modeling Techniques
 - Forecasting Methods
- Advanced Topics in Data Science
 - Natural Language Processing (NLP)
 - Deep Learning
 - Reinforcement Learning
- Applications and Future Trends
 - Industry-specific Applications
 - Emerging Trends in Data Insights
 - Artificial Intelligence in Data Analysis
 - Integration of IoT and Data Insights



Learning outcomes

By the end of this training you should be able to:

1. Pax can understand how do they write data reports that highlight key insights
2. Formulated the data-driven report to improve overall business performance
3. Utilise data tools and dashboards to transform data into actionable insights for reporting purposes



THANK
YOU!!