

Data-Driven Decision Making for Leaders

19 – 23 October 2026
Lisbon (Portugal)

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Introduction

This course is designed to provide leaders with the tools and knowledge needed to make strategic decisions based on data. Participants will learn how to improve both day-to-day decision-making and long-term planning, leading to better business outcomes. The course covers various decision-making techniques, including data analysis, visualization tools, and predictive analytics, to guide leadership decision making. By the end of the course, participants will be equipped to integrate these skills into their leadership practices to enhance performance and drive business results. Whether you are seeking to refine your decision-making skills or adopt effective decision-making practices, this course will give you the foundation to make confident, data-driven decisions.

Course Objectives

- Learn how to improve strategic decision-making with reliable data.
- Develop the decision-making skills necessary to interpret data effectively.
- Master the use of key performance indicators KPIs to measure success.
- Explore how to predict future trends using predictive analytics.
- Understand the role of data visualization in enhancing team collaboration and innovation.
- Learn how to communicate data-driven insights to stakeholders effectively.
- Foster a culture of data-driven decision-making within your organization.
- Enhance your ability to make good decisions based on accurate data.

Course Outlines

Day 1: Introduction to Data-Driven Decision Making

- Understand the importance of data in leadership decision-making.
- Learn how data can support strategic decision-making.
- Identify types of data that impact leadership decision-making.
- Explore the benefits and challenges of making data-driven decisions.
- Learn strategies for collecting and analyzing data effectively, ensuring the right decision-making methods are applied.

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A graphic illustration of a chessboard with several chess pieces. A large gold king piece is prominent in the foreground, with a silver pawn and a silver knight nearby. The board is checkered, and there are concentric circles in the background.

Day 2: Key Concepts and Tools for Data Analysis

- Learn how to use basic decision-making techniques to interpret information.
- Explore data visualization tools to present findings clearly.
- Understand how to track key performance indicators KPIs and assess performance.
- Discover how to use tools like Excel, Power BI, and other resources for effective decision-making.
- Learn how to identify trends, correlations, and patterns in data to inform decision-making in business.

Day 3: Making Data-Driven Decisions

- Learn how to make strategic decisions based on data insights.
- Understand how data can inform both short-term and long-term decisions.
- Study case studies where data-driven decisions led to successful outcomes.
- Explore decision-making models that integrate data analysis.
- Learn how to balance intuition with data-driven decision-making.
- Practice making decisions using real-life data scenarios.

Day 4: Predictive Analytics and Forecasting

- Introduction to predictive analytics and its role in decision-making.
- Learn how to use historical data to predict future trends and inform executive decision-making.
- Understand the concepts of risk modeling and how they relate to decision-making.
- Explore tools and techniques for risk assessment based on data.
- Learn how to develop and implement preventive measures using predictive data insights.
- Understand how to calculate safety risks and create strategies for mitigation.

Day 5: Building a Data-Driven Culture and Leadership

- Learn how to promote a data-driven decision-making culture within your organization.
- Understand the role of leadership in fostering data literacy.
- Develop strategies to encourage teams to use data in their decision-making process.
- Learn how to communicate data insights effectively to stakeholders, enhancing leadership and decision-making.
- Understand how data-driven decisions can enhance collaboration and innovation.
- Build an action plan to incorporate strategic decision-making into your leadership style.

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A graphic illustration of a chessboard with several chess pieces. A large gold king piece is prominent in the foreground, with a silver pawn and a gold pawn nearby. The board is checkered, and there are concentric circles in the background.

Why Attend This Course: Wins & Losses!

- Learn how to make informed, objective decisions based on reliable data.
- Gain the skills to integrate data analytics into your decision-making process.
- Improve business outcomes by using data to guide strategic decisions.
- Discover how data-driven decisions can improve team performance and productivity.
- Learn how to identify key metrics and KPIs that influence success.
- Understand how to forecast trends and outcomes using predictive analytics.
- Enhance your decision-making skills by using data to back up your actions.
- Create a data-driven culture within your organization for sustainable success in leadership decision-making.

Conclusion

The "Data-Driven Decision Making for Leaders" course equips participants with the essential tools and strategies to make informed decisions using data. From understanding basic data analysis and key metrics to using predictive analytics and fostering a data-driven culture, participants will learn how to lead confidently with data insights at the forefront. This course will enhance your decision-making skills and give you the tools needed to make good decisions that drive positive outcomes for your business.

Sign up now to sharpen your leadership abilities and improve decision-making skills for smarter, data-backed decisions that will position your organization for success.

A graphic of a chessboard with several chess pieces (a king, a queen, and a pawn) in gold and silver, set against a background of concentric circles.

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