



AI for Business Predictive Analytics

Machine Learning

AI for Business Predictive Analytics
Machine Learning

Duration: 5 Days



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COURSE OVERVIEW

In today's fast-paced business world, the ability to turn data into actionable insights and predict future trends using AI is priceless. Our course is tailor-made for beginners and business professionals eager to leverage AI to enhance their decision-making and master predictive analytics.

Starting with the fundamentals of AI and machine learning, you'll embark on a journey to uncover powerful techniques that transform complex business data into valuable insights. Whether it's accurate forecasting, risk assessment, or strategic planning, you'll learn how to predict future trends with confidence. No prior knowledge of AI or data science is needed, making this course the perfect entry point for anyone new to the field.

You'll dive into the essentials of data collection and preparation, discovering the critical role of high-quality data. Learn how to clean and transform raw data into an analysis-ready format, a crucial step for any AI predictive analytics project. This foundational knowledge will prepare you to tackle more advanced topics as the course progresses.

By the end of the course, you'll possess a robust understanding of using machine learning predictive models to make informed decisions and anticipate future trends. You'll gain practical skills in data collection, preparation, model building, and evaluation, ready to apply these techniques to real-world business challenges.



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WHAT YOU WILL ACCOMPLISH

- ✓ Understand the fundamental concepts of machine learning and its applications
- ✓ Setting up machine learning environment
- ✓ Understanding machine learning models
- ✓ Work on implementing and evaluate various machine learning models
- ✓ Work on data cross validation for predictive analytics
- ✓ Work on data preparation for predictive analytics
- ✓ Work on data cleansing and techniques to handle missing data
- ✓ Work on predictive models to make desision
- ✓ Work on data visualizations and interpretation



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WHAT WILL NOT BE COVERED

As AI for Business Predictive Analytics course focus on machine learning predictive models, therefore this course does not cover on the following:

- ✓ Python Programming
- ✓ Databases



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WHY THIS COURSE

- AI and predictive analytics are rapidly transforming businesses across industries. By acquiring skills in these domains, you'll position yourself as a valuable asset to organizations seeking to harness the power of data-driven insights.
- Learn how to leverage AI techniques to analyze vast amounts of data, uncover hidden patterns, and make accurate predictions.
- It enable you to support informed decision-making processes and drive business success.
- Apply and develop the ability to translate data into actionable insights that directly impact business outcomes.
- Improves efficiency and effectiveness in data handling and analysis
- Open up diverse career opportunities, such as data scientist, business analyst, AI specialist, or machine learning engineer, among others.
- As AI continues to reshape industries, having a strong foundation in AI and predictive analytics will future-proof your career. Stay ahead of the curve and be prepared for the evolving job market.



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WHO SHOULD ATTEND

- Business owners looking to enhance their understanding of predictive analytics to improve business operations and strategy.
- Business analysts and data enthusiasts
- Beginners interested in starting a career in data analysis or data science.
- Students and recent graduates seeking to build a strong foundation in machine learning and its business applications.



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COURSE PREREQUISITE

- Basic computer skills is needed
- Basic knowledge of Excel or any databases is needed
- Understanding of Python programming is needed
- No prior experience in AI is needed
- Curiosity and Motivation is needed



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