About
DevOpsSchool

DevOpsSchool is a unit of "Cotocus PVT ltd" and a leading platform which helps IT organizations and professionals to learn all the emerging technologies and trend which helps them to learn and embrace all the skills, intelligence, innovation and transformation which requires to achieve the end result, quickly and efficiently. We provide over 40 specialized programs on DevOps, Cloud, Containers, Security, AI, ML and on Big data that are focused on industry requirement and each curriculum is developed and delivered by leading experts in each domain and aligned with the industry standards.

ABOUT COURSE

We offer a comprehensive Master's program in Artificial Intelligence to become a certified Artificial Intelligence Engineer. This Artificial Intelligence certification program gives training on the skills required to become a successful Artificial Intelligence Engineer. Throughout this exclusive AI online course, you'll master Deep Learning, Machine Learning, and the programming languages required to excel in this domain which will be very helpful for you to kick-start your career in Artificial Intelligence.

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Duration	72 Hours
Mode	Online (Instructor-led, live & Interactive)
Projects (Real time scenario based)	1

FEATURES	DEVOPSSCHOOL	OTHERS
Faculty Profile Check	✔	✖
Lifetime Technical Support	✔	✖
Lifetime LMS access	✔	✖
Top 25 Tools	✔	✖
Interviews Kit	✔	✖
Training Notes	✔	✖
Step by Step Web Based Tutorials	✔	✖
Training Slides	✔	✖
Training + Additional Videos	✔	✖

AGENDA OF THE MASTERS IN DATA ANALYTICS

Introduction to Data Analytics

Lesson 1 - Course Introduction

- Course Introduction

Lesson 2 - Data Analytics Overview

- Introduction
- Data Analytics - Importance
- Digital Analytics: Impact on Accounting
- Data Analytics Overview
- Types of Data Analytics
- Descriptive Analytics
- Diagnostic Analytics
- Predictive Analytics
- Prescriptive Analytics
- Data Analytics - Amazon Example
- Data Analytics Benefits Decision-Makin
- Data Analytics Benefits: Cost Reduction
- Data Analytics Benefits: Amazon Example
- Data Analytics: Other Benefits

Lesson 2 - Data Analytics Overview

- Introduction
- Data Analytics - Importance
- Digital Analytics: Impact on Accounting
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- Types of Data Analytics
- Descriptive Analytics
- Diagnostic Analytics
- Predictive Analytics
- Prescriptive Analytics
- Data Analytics - Amazon Example
- Data Analytics Benefits Decision-Makin
- Data Analytics Benefits: Cost Reduction
- Data Analytics Benefits: Amazon Example
- Data Analytics: Other Benefits

Lesson 3 - Dealing with Different Types of Data

- Introduction
- Terminologies in Data Analytics - Part One
- Terminologies in Data Analytics - Part Two
- Types of Data
- Qualitative and Quantitative Data
- Data Levels of Measurement
- Normal Distribution of Data
- Statistical Parameters

Lesson 4 - Data Visualization for Decision making

- Introduction
- Data Visualization
- Understanding Data Visualization
- Commonly Used Visualizations
- Frequency Distribution Plot
- Swarm Plot
- Importance of Data Visualization
- Data Visualization Tools - Part One
- Data Visualization Tools - Part Two
- Languages and Libraries in Data Visualization
- Dashboard Based Visualization
- BI and Visualization Trends
- BI Software Challenges

Lesson 5 - Data Science, Data Analytics, and Machine Learning

- Introduction
- The Data Science Domain
- Data Science, Data Analytics, and Machine Learning - Overlaps
- Data Science Demystified
- Data Science and Business Strategy
- Successful Companies Using Data Science
- Travel Industry
- Retail
- E-commerce and Crime agencies
- Analytical Platforms across Industries

Lesson 6 - Data Science Methodology

- Introduction
- Data Science Methodology
- From Business Understanding to Analytic Approach
- From Requirements to Collection
- From Understanding to Preparation
- From Modeling to Evaluation
- From Deployment to Feedback

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- 7.11 Government02:31
- 7.12 Weather Forecasting

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Business Analytics with Excel

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- Lesson 3 Programming Environment Setup
- Lesson 4 OOPs Concept with Python
- Lesson 5 Programming Fundamentals of Python
- Lesson 6 File handling, Exception handling, and Package handling
- Lesson 7 Data Analytics Overview
- Lesson 8 Statistical Computing
- Lesson 9 Mathematical Computing using NumPy
- Lesson 10 - Data Manipulation with Pandas
- Lesson 11 - Data visualization with Python
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- Bike-Sharing Demand Analysis

Data Science Certification Training - R Programming

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Thank you!

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