Data Ethics for Business Professionals (DEBIZ ™)

Category: AI, Data & Analytics | **Vendor:** CertNexus

Duration: 6.00 hours (1 days) **4.9 CPD Hours** **Rating:** ⭐ 4.6 (5,878 reviews)

Course Information

Delivery Format: Instructor Led - Online

Related Exam: DEB-110; AIZ-110; DSZ-110

Course Overview

The power of extracting value from data utilizing Artificial Intelligence, Data Science and Machine Learning exposes the learning differences between humans and machines. Humans can apply ethical principles throughout the decision-making process to avoid discrimination, societal harm, and marginalization to maintain and even enhance acceptable norms. Machines make decisions autonomously. So how do we apply ethical principles to data driven technology? This course provides business professionals and consumers of technology core concepts of ethical principles, how they can be applied to emerging data driven technologies and the impact to an organization which ignores ethical use of technology.

About This Course

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Who Should Attend

This course is designed for business leaders and decision makers, including C-level executives, project and product managers, HR leaders, Marketing and Sales leaders, and technical sales consultants, who have a vested interest in the representation of ethical values in technology solutions. Other individuals who want to know more about data ethics are also candidates for this course. This course is also designed to assist learners in preparing for the CertNexus® DEBIZ™ (Exam DEB-110) credential.

Prerequisites & Entry Requirements

General Prerequisites:

To ensure your success in this course, you should have a working knowledge of general business concepts and practices. You should also have a basic understanding of Artificial Intelligence and or Data Science.

Recommended knowledge level:

- AIBIZ™: AI for Business Professionals (Exam AIZ-110)
- DSBIZ ™: Data Science for Business Professionals (Exam DSZ-110)

Detailed Course Outline

1 - Introduction to Data Ethics

- Define Ethics
- Define Data
- Define Data Ethics
- Principles of Data Ethics
- The Case for Data Ethics
- Identifying Ethical Issues

2 - Ethical Principles

- Ethical Frameworks
- Applying Ethical Frameworks
- Privacy, Fairness, and Safety
- Applying Privacy, Fairness, and Safety Principles
- Algorithms and Human-Centered Values
- Discussing True and False Positives and Negatives
- Discussing Accuracy and Precision
- Discussing Correlation and Causation
- Transparency and Explainability: The Black Box Problem
- Discussing Black Box Parallels
- Inclusive Growth, Sustainable Development, and Well-Being
- Examining a Tech for Good Organization
- Improving Ethical Data Practices

3 - Sources of Ethical Risk

- Bias and Discrimination
- Case Study: Allegheny Family Screening Tool
- Data Surveillance
- Safety and Security
- Case Study: PredPol

4 - Business Considerations

- Data Legislation
- Manage the Effects of Data
- Case Study
- Embed Organizational Values in the Data Value Chain
- Building a Data Ethics Culture/Code of Ethics
- Stakeholder Checklist

Frequently Asked Questions

Q: What delivery options are available for Data Ethics for Business Professionals (DEBIZ ™)?

We offer multiple delivery formats:

- Live Instructor-Led Classroom Online (Virtual/Live Online)
- Traditional Instructor-Led Classroom Training (ILT)
- On-site delivery at your offices anywhere in United Kingdom
- Private dedicated courses customized for your team

Q: Which exam does this course prepare me for?

This course prepares you for the DEB-110; AIZ-110; DSZ-110 official exam. You can take this exam at any exam center across United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online wherever you are located.

Q: How many CPD hours does this course provide?

The 1-day Data Ethics for Business Professionals (DEBIZ ™) course provides up to 4.9 CPD hours of structured learning. CPD certificates can be provided upon request.

Q: What is the duration of the Data Ethics for Business Professionals (DEBIZ ™) training?

The training takes place over 1 day(s), with each day lasting approximately 6.00 hours including breaks for lunch and refreshments.

Q: Do you provide corporate training for Data Ethics for Business Professionals (DEBIZ ™)?

Yes, we provide corporate training, dedicated training, and closed classes for Data Ethics for Business Professionals (DEBIZ ™). Training can take place anywhere in United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online allowing teams from across United Kingdom or internationally to attend.

Q: Why choose Nexus Human for Data Ethics for Business Professionals (DEBIZ ™)?

Nexus Human is recognized as one of the leading training providers. Our trainers have won multiple awards including:

- Small Firms Best Trainer Award
- National Training Partner of the Year (Ireland) - Multiple Years
- Global Top 30 Instructor Awards (2012, 2019, 2021)
- Tech Excellence Award Nominations
- Learning Performance Institute (LPI) External Training Provider Sponsor 2024

Q: Are there any discount codes available?

Yes! Use discount code **PENPAL5** when booking your Data Ethics for Business Professionals (DEBIZ ™) training. Please note that only one discount code can be used per booking and cannot be combined with other special offers.

Nexus Human

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