Data Ethics for Business Professionals (DEBIZ)

Introduction to Data Ethics

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

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

Sources of Ethical Risk

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

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