Data Privacy and Protection Fundamentals
Course Outline

- Background and Terminology
  - The real world of data issues
    o Breaches, Neglect, Liability Cost
  - Definitions
    o Protection
    o Data Privacy
    o Personal Information
  - Misinformation about privacy and protection
    o The disparity of data privacy and protection
    o Common questions about privacy & protection

- Privacy and Protection Fundamentals
  - Data Concepts
    o Personally Identifiable Information
    o Data Masking (anonymization, Encryption, Pseudomization)
    o Traceability and Lineage
    o Data Deletion
  - Processing/Implementation Concepts
    o The Actors: Processor / Controller
    o Data Protection (process, move, store)
    o Consent
    o Data Portability
    o Data Usage Responsibilities

- Privacy and Protection in a Data Lifecycle
  - Overview of the 6 stages of a data lifecycle
    o Create, gather, process, store, use, dispose
  - Implementing data protection through each life stage
    o Data origin, processing, and output for each stage
    o Tracking and protection issues
  - Aligning Data Protection with Data Management
    o Data Standards, Data Governance, Data Access, Data Security
  - Implementation Considerations

- Data Privacy in the Real World
  - GDPR
    o Core Activities Required by GDPR
    o Review of the detailed rules
- Actions to take for each core activity
  - US Protection Initiatives
    - New York, California, US Federal
    - Concepts and terminology
    - Alignment / Variance to common accepted practices (GDPR)
    - Details unique to each state
  - Other International (non-GDPR) Initiatives

- An Implementation Approach
  - A simple 5 stage development approach
  - Sample activities and milestone deliverables
    - Goal & Objectives
    - Identify Requirements
    - Design
    - Develop
    - Deploy