DIGILEAF INC.

Leading Excellence Among Fellows

Course Outline

Enterprise Architecture Learning Track

Data Modeling: Using Entity Relationships

This course discusses the importance and concepts of Entity Relationship Diagrams (ERD) that has emerged as one of the most popular techniques in the design of databases due to its inherent advantages. This course covers entities, attributes, relationships and its degrees, and cardinalities of an Entity Relationship Diagram.

Training Objectives

In groups, participants will be able to construct a fully attributed entity diagram relationship.

Individually, the participants will be able to:

1. Identify entities and relationships.
2. Differentiate between logical and physical data models.
3. Interpret an entity relationship model.

Target Audience

- Business Architects
- Enterprise Architects
- Anyone who will be involved in creating/maintaining data architecture.

Learning Methodologies

- Interactive Lecture/Demonstration
- Workshops

Topics

I. Introduction
II. Why Use Entity Relationship (E-R) Diagrams
III. Entity Relationship Notations
IV. Entity Relationship Diagram Development Process
    a) Identify the entities
    b) Determine the attributes
V. Entity Relationship Diagram Components
VI. Degrees of a Relationship

Duration 4 day(s)