



NTHRYS WORKSHOPS

Database Design And Normalization

8:45 AM - 10:15 AM: Session 1: Entity-Relationship Modeling

In-depth discussion on entity-relationship modeling.
Practical exercises on identifying entities, attributes, and relationships in real-world applications.

10:15 AM - 10:30 AM: Coffee / Tea / Snacks Break

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Normalization Techniques

Overview of normalization and its importance in database design.
Practical session on first, second, and third normal forms (1NF, 2NF, 3NF).

12:00 PM - 1:00 PM: Lunch Break

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: De-Normalization and Data Redundancy

Discussion on when and why to use de-normalization.
Case studies on managing data redundancy in large-scale systems.

2:30 PM - 2:45 PM: Short Break

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Advanced Data Modeling

Exploration of advanced data modeling techniques.
Hands-on workshop on hierarchical and network data models.

4:15 PM - 4:30 PM: Coffee / Tea / Snacks Break

Last networking opportunity with snacks.

4:30 PM - 5:30 PM: Closing Session: Implementing Changes and Technology Adoption

Group discussions on implementing new techniques learned today.
Dialogue on overcoming challenges in adopting new technologies in similar sectors.
Feedback session and closing remarks.

Certificate Issue

5:30 PM: Workshop Concludes