



NTHRYS WORKSHOPS

Introduction To Database Development

8:45 AM - 10:15 AM: Session 1: Basics of Database Design

Overview of database design principles and its significance in software development. Introduction to relational database concepts, normalization, and ER diagrams.

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

Networking and refreshments.

10:30 AM - 12:00 PM: Session 2: Structured Query Language (SQL)

Hands-on training on SQL commands for data manipulation and querying. Practical session on creating tables, joins, and advanced query techniques.

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

Catered lunch and networking opportunity.

1:00 PM - 2:30 PM: Session 3: Database Security and Integrity

Overview of database security principles. Practical exercises on implementing security measures, backup strategies, and data integrity checks.

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

Time for a stretch and informal discussions.

2:45 PM - 4:15 PM: Session 4: Database Performance Optimization

Discussion on techniques for optimizing database performance.
Case studies on indexing, query optimization, and database tuning.

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