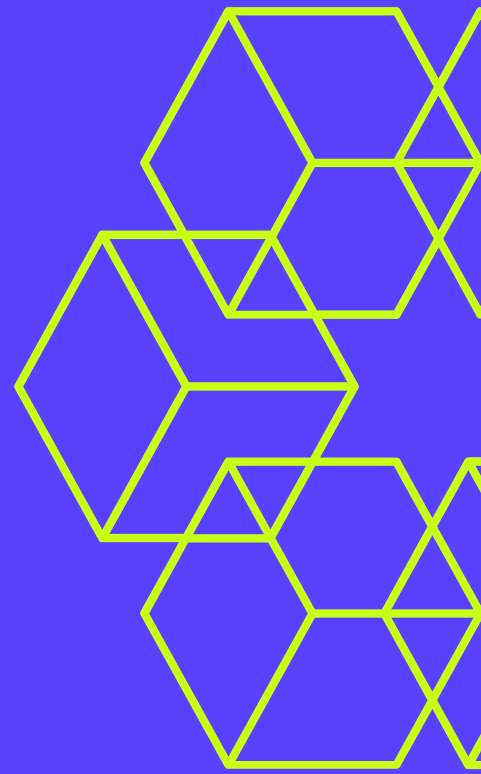




# DBMS Course Contents



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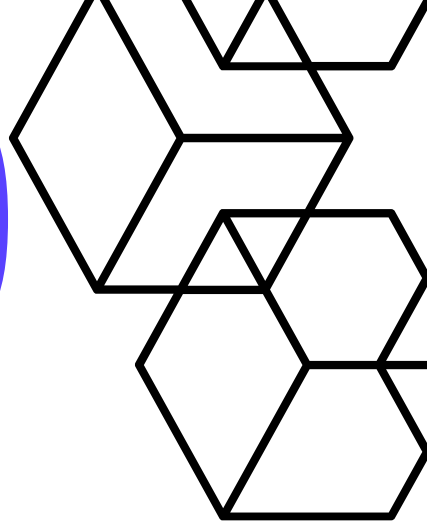
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## CHAPTER 1 : INTRODUCTION TO DATABASE MANAGEMENT SYSTEMS

- Overview of Database Management Systems
- Types of Database Management Systems
- Data Models
- Database Languages
- Database Design Process

## CHAPTER 2 : RELATIONAL DATABASES

- Introduction to Relational Databases
- Relational Data Model
- Relational Algebra
- SQL Fundamentals
- Advanced SQL



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## CHAPTER 3 : DATABASE DESIGN

- Conceptual Database Design
- Logical Database Design
- Physical Database Design
- Normalization
- Performance Tuning

## CHAPTER 4 : TRANSACTION MANAGEMENT

- Transactions
- Concurrency Control
- Recovery Techniques
- Distributed Databases
- NoSQL Databases

