

Y-19 CSE 2020-21 ODD SEM MOOCs

1.Database Management Systems

For Guided Regular:

1. Coursera - Database Management Essentials – University of Colorado System – Course

For Self-Regular:

1. Udacity – Database Systems Concepts Design – Course
2. Coursera - Database Management Essentials – University of Colorado System – Course

For Guided Advanced:

1. Coursera - Database Management Essentials – University of Colorado System – Course
2. Coursera – Database Systems – Universidad Nacional Autonoma de Mexico – Specialization

There are 4 courses in this:

1. Relational Database Systems
2. Business Intelligence and Data Warehousing
3. NoSQL Systems
4. Designing Data-intensive applications

For Self-Advanced:

1. Udacity – Database Systems Concepts Design - Course
2. Udacity – Intro to Relational Databases - Course
3. Coursera - Database Management Essentials – University of Colorado System – Course
4. Coursera – Database Systems – Universidad Nacional Autonoma de Mexico – Specialization

There are 4 courses in this:

1. Relational Database Systems
2. Business Intelligence and Data Warehousing
3. NoSQL Systems
4. Designing Data-intensive applications
5. Coursera – Manipulating Data with SQL – Guided Project
6. Coursera – Querying Databases using SQL SELECT Statement – Guided Project
7. Coursera - Intermediate Relational Database and SQL – Guided Project
8. Coursera - Advanced Relational Database and SQL – Guided Project
9. Coursera - Creating Database Tables with SQL – Guided Project
10. Coursera – Performing Data Aggregation using SQL Aggregate Functions – Guided Project
11. Coursera – Introduction to Relational Database and SQL – Guided Project
12. Coursera – Retrieve Data using Single-Table SQL Queries - Guided Project
13. Coursera – Retrieve Data with Multiple-Table SQL Queries – Guided Project
14. Coursera – Performing Data Definition and Manipulation in SQL

For Peer-Advanced:

1. Udacity – Database Systems Concepts Design – Course
2. Udacity – Intro to Relational Databases - Course
3. EDX – Advanced Topics in SQL - Course
4. Coursera - Database Management Essentials – University of Colorado System – Course
5. Coursera – Using Databases with Python – University of Michigan – Course
6. Coursera – Learn SQL Basics for Data Science – University of California, Davis – Specialization

There are 4 courses in this:

1. SQL for Data Science
 2. Data Wrangling, Analysis and AB Testing with SQL
 3. Distributed Computing with Spark SQL
 4. SQL for Data Science Capstone Project
7. Coursera – Database Systems – Universidad Nacional Autonoma de Mexico – Specialization

There are 4 courses in this:

1. Relational Database Systems
2. Business Intelligence and Data Warehousing
3. NoSQL Systems
4. Designing Data-intensive applications

8. Coursera – Manipulating Data with SQL – Guided Project
9. Coursera – Querying Databases using SQL SELECT Statement – Guided Project
10. Coursera - Intermediate Relational Database and SQL – Guided Project
11. Coursera - Advanced Relational Database and SQL – Guided Project
12. Coursera - Creating Database Tables with SQL – Guided Project
13. Coursera – Performing Data Aggregation using SQL Aggregate Functions – Guided Project
14. Coursera – Introduction to Relational Database and SQL – Guided Project
15. Coursera – Retrieve Data using Single-Table SQL Queries - Guided Project
16. Coursera – Retrieve Data with Multiple-Table SQL Queries – Guided Project
17. Coursera – Performing Data Definition and Manipulation in SQL