The Oracle Database Associate digital badge program provides 64 hours of instructor-led training needed for the Oracle Database 12c Oracle Certified Associate certification exam. Courseware and additional exam prep software are included with each course. Oracle is a respected world leader in database management solutions. Individuals with Oracle database expertise can find opportunities in nearly every industry.

Career Notes:

Oracle Certified Associates are often involved in large projects for large companies. Some jobs may involve primarily administrative tasks such as database installation, configuration, troubleshooting, and maintenance. Others may involve development work, data warehousing, or the integration of specialized applications for data-intensive business operations or specific industries. DBAs are often directly involved with the planning of any new software project and are expected to have excellent communication skills.

Prerequisites:

Experience with data processing concepts, knowledge of relational databases, and familiarity with programming is recommended.

Requirements:

- **LOR0008** Oracle Database: Introduction to SQL (Exam 1Z0-071)
- **LOR0006** Oracle Database 12c: Administration Workshop (Exam 1Z0-062)

Course Descriptions:

LOR0008 Oracle Database: Introduction to SQL (40 hours)
Learn how to write subqueries, combine multiple queries into a single query using SET operators, and report aggregated data using group functions. Understand the basic concepts of relational databases ensure refined code by developers. Create reports of sorted and restricted data. Run data manipulation statements (DML). Control database access to specific objects. Manage schema objects and objects with data dictionary views. Retrieve row and column data from tables. Control privileges at the object and system level. Create indexes and constraints. Prerequisite: familiarity with data processing concepts and techniques.

LOR0006 Oracle Database 12c: Administration Workshop (40 hours)
Designed to provide a firm foundation in administration of an Oracle Database. Gain a conceptual understanding of Oracle Database architecture and learn how to manage an Oracle Database in an effective and efficient manner. Covers both Database as a Cloud Service and the on-premises Oracle Database. Learn how to create database storage structures appropriate for the business applications supported by a database. Learn how to create users and administer database security to meet business requirements. Basic information on backup and recovery techniques is presented in this course. Prerequisite: Oracle Database 12c: SQL Workshop I or equivalent experience.