

Information Technology (IT) Career Choices

| IT Career | Average Salary <small>www.indeed.com</small> | Description |
|-----------------------------|---|---|
| Computer Scientist/Engineer | \$80,000 | Converts user requirements into computer programs that store, retrieve, and utilize data. |
| Database Administrator | \$69,000 | Designs, develops, and maintains database management systems and develops user requirements, processes and issues to improve computer, data and network systems. |
| Systems Analyst/Consultant | \$67,000 | Plans and directs data processing, software development, and hardware support activities. |
| IT Manager/Project Manager | \$62,000 | Resolves user problems with computer software, network and database systems. |
| Customer Support Analyst | \$53,000 | |

Contact Information

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any questions



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Database Design and Programming with SQL

ORACLE ACADEMY

Why Oracle Academy?

Our curriculum enhances the rigor and relevance of academic programs by integrating the technical subject matter and professional skills that employers are demanding in the 21st century workplace. Using the latest online learning technologies, students demonstrate valuable skills that apply to a variety of career pathways, including database administrator, software engineer, systems analyst, and information systems manager.

Student-focused curriculum

This professionally designed curriculum is geared to meet the learning needs of a variety of students. It blends virtual and face-to-face training, hands-on exercises, assessments, and project based learning experiences while leveraging the latest Oracle technologies.

Preparation for higher education and employment

Students learn and apply higher-order thinking skills that mirror the level of excellence expected in higher education and the 21st century workplace.

Industry certification

Upon completion of the course, students have the opportunity to pursue the Oracle Certified Associate, the first step in the Oracle career certification.



ORACLE ACADEMY



What is Database Design and Programming with SQL?

This vendor-neutral, two-part course teaches Data Modeling and Structured Query Language (SQL).

In Database Design, students learn to analyze complex business scenarios and create a data model, a conceptual representation of an organization's information.

In Database Programming with SQL, students implement their database design by creating a physical database using SQL, the industry-standard database programming language. Students have the opportunity to sit for the first of two exams required to earn the Oracle Certified Associate.

Are there any prerequisites?

Algebra I and IBCA
Juniors and Seniors only

ORACLE
Certified Associate