

## Section 1 Design

# INTRODUCTION TO THE ORACLE ACADEMY

What are the major content areas covered in the Oracle Academy?

Data Modeling, SQL, and PL/SQL

There is a big increase in demand for Information Technology professionals in today's market.  
True or False?

True

## DATA VS. INFORMATION

Consider an example where an Oracle database works "behind the scenes" for common internet activity. Which of the following best describes a database transaction?

A person searching an airline website to find all available fares for a flight.

What are the results of having all your data in one central location?

Improved performance

Easier access to data

Which of the following are examples of data vs. information.

E. Both A and B

How do you turn "data" into "information"?

By querying it or accessing it

## HISTORY OF THE DATABASE

Which of the following is the correct order for the Database Development Process?

Strategy, Analysis, Design, Build

Data Modeling is the last stage in the development of a database. True or False?

False

Oracle was one of the first relational database systems available commercially? True or False?

True

# MAJOR TRANSFORMATIONS IN COMPUTING

Which of the following are examples of e-businesses that use database software?

Online clothing store

Online book store

Online personal shopping service

Are all of the following examples of how changes in computing have affected day-to-day activities? Yes or No?

In the past you used to use the phone system to call directory assistance to get a phone number. Today you can use your PC to look up a phone number online.

In the past you used to have to go to the shoe store to buy shoes. Today you can use your PC to order shoes online.

In the past you had to use your PC to send a person an email message. Today you can use your phone to send a text message.

Yes

The overall mission of the Oracle Corporation is to use the internet and fast servers to meet the needs of organizations by only storing data.

False

Users would use which of the following software to access essential business applications?

GUI Interface

Internet Browser

Operating System

Personal computers (PCs) have been in existence since 1950. True or False?

False

In the grid computing model, resources are pooled together for efficiency. True or False?

True