

The **Galaxy Data Structure Training** is a course designed to help the relational database novice become more proficient. If you've ever wondered where or how data is stored, this is the class for you. In this course you'll learn the Galaxy data structure, how to write basic SQL queries, and you'll have the opportunity to talk with other users.

You'll learn:

- **How to write basic SQL queries**
- **How to use Microsoft QueryAnalyzer***
- **How to use Microsoft Enterprise Manager***
- **How to use Microsoft Excel to create reports, spreadsheets and export data***
- **In-depth training on Galaxy table structure and relationships**
- **How to put your knowledge to work immediately with hands-on exercises**

"We have been with Order Entry for four years now and we were in need of custom reports. It took us only three days of training from Gateway to run the reports we needed."

- Michael McSparran, Gateway Systems Project Manager,
San Diego Zoo & Wild Animal Park

* This course is not a Certified Microsoft Training seminar or an advanced class for topics such as database backup and restore.

This course is held at our brand new training facility at the Gateway Ticketing Systems corporate office in Boyertown, PA. This location offers the perfect environment in which to learn Galaxy table structures. Our state-of-the-art training room provides the opportunity for hands-on learning as well as a chance to network with other Galaxy users.

Location: Gateway Ticketing Systems, Boyertown, PA • Duration: Two Days • Tuition: \$1,595

Note: A minimum of three registrants is required to hold this class.

Course Syllabus

I. Introduction into Relational Databases

- What is SQL
- The Parts of a Relational Database
- Data Types

II. Introduction to the Gateway Database Dictionary

- What is in the Gateway Database Dictionary
- Where do I get it
- Review table of contents
- Entity Diagrams
- Database Dictionary Tables Definitions

III. Introduction to SQL

- Microsoft's Query Analyzer
- Basic SQL Query Structure
- SQL Query Demo
- How to export data to Excel

IV. Question and Answer from Previous Day

V. Detail Review of the Galaxy Tables

- How tables are linked
- Commonly used tables and fields

VI. Create Common Data Extracts

Example: Extract all usage records for tickets that were sold today. Include in the result the Visual ID, Date Used, PLU number, and PLU description.

VII. How to get the Right Information from Internal Departments to Write Effective Reports

- Basic survey provided

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