

Open source training



catalyst 

expert open source solutions

We're the free and open source technology experts.

Our courses feature experienced tutors and small class sizes. We can tailor any course to meet your specific requirements.

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Introduction to databases

Course details

Duration: 1/2 day **Cost:** \$380 (ex gst) **To register email:** training@catalyst.net.nz

About the course

Get database basics under your belt. This course will provide an introduction to database concepts, and techniques for working with SQL databases.

Course outline

- Introduction
 - Data
 - Data Storage
 - Unstructured Data
 - Structured Data
 - Undescribed Data
 - Described Data
 - Separately Described Data
 - Containers for Data
- Relational Databases
 - Overview
 - A Real Product
 - First Tables
 - First Data
 - Constraints
 - Normalization
 - More Normalization
 - About Null
 - Customizing Query Results
 - Query Techniques - Lists
 - Query Techniques - Sub Selects
 - Set Operations
 - Ordering
 - Aggregates

Note: These are the topics normally covered but might alter slightly depending on the needs of the attendees.

Target audience

Anyone who has dabbled in databases but would like a more in-depth grounding in their use.

Prerequisites

- Some exposure to usage of command line on Linux or Windows
- Ideally some exposure to database use.