



Active Dashboards

Developer Training Course Overview

Introduction

This two-day course provides step-by-step training in the configuration and deployment of Active Dashboards.

Attendees learn to build simple interactive Active Dashboards content, starting with basic requests created in Structured Query Language (SQL).

More complexity is introduced as the course progresses including chart features, parameters, filters, embedding dashboard content, navigation, drill-down links, and publishing completed dashboards within a live environment.

Attendees also learn how to generate real-time email alerts to notify users of important Active Dashboards events.

In addition to building Interactive Dashboards, attendees learn to configure and customise user access rights to reflect operational requirements.

They gain insights into user interface design options using cascading style sheets (CSS), dashboard layouts, and customised web pages and portals.

Finally, they explore recommended design principles and best practices for presenting information in Active Dashboards.

Attendees Learn To:

- Build SQL queries to populate individual dashboard chart items
- Configure individual chart options and default settings
- Aggregate chart items into dashboard layouts and define default presentation options
- Define user access rights and viewing options
- Work with Database views to obtain and display requested information
- Create guided navigation links from Active Dashboards layouts to detailed chart items or other dashboards
- Use the Active Dashboard Administration Tool to configure, schedule and deliver personalised email Alerts
- Integrate Active Dashboards within HTML page layouts and web portals
- Employ recommended design principles and best practices

Audience:

- Application Developers
- Business Analysts
- Business Intelligence Developers
- Technical Consultants

Prerequisites

- Basic SQL Skills
- Basic understanding of reporting requirements

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Course Outline

Introduction To Active Dashboards

- Aims and Objectives
- Active Dashboards Architecture/Connectivity
- User Interface Formatting
- Administration Overview

Active Dashboards Design Considerations

- What is a Dashboard?
- What to Build and How to Build It
- Simple checklist

Introduction To The Administration Toolset

- Menu Options and Navigation
- Dashboard Creation Process
- Management Groups
- Item Creation

Getting Up And Running

- Installation of Active Dashboard Software
- Seeing is Believing - Creating Dashboard Charts
- Using Simple Charts
- Using Complex Charts

Creating And Using Filters For Effective Analysis

- Introduction to filters
- Client-side filters
- Dashboard filters

Active Dashboards Administration

- Sessions and how to track them
- Configuring Users
- Configuring Groups
- Configuring Access rights

Building Active Dashboards Links And Drill Downs

- Navigating to a URL
- Navigating through multiple chart items
- Navigating and parameter passing (Server side Filter)
- Linking levels of items using Parent Parameters

Troubleshooting For Active Dashboards Developers

- Simple / Common Errors and how to resolve them
- Resolving more complex/advanced issues

Active Dashboards Advanced Topics

- Introduction to using Application Parameters
- Embedding Charts in other web pages and portals
- Linking to JavaScript functions
- Changing CSS to apply styling preferences
- Alerting methods and configuration options

