



# FOGLIGHT FOR SQL PI

## COURSE DESCRIPTION

Training is provided as two consecutive days (2-day) sessions delivered as 6 hours per day and includes lectures and demonstrations for up to five (5) students. Classes are conducted using the Customer's Foglight environment. The training covers the full set of Foglight for SQL with PI features, dashboards, and workflows as well as advanced features such as Alarm Tuning and Alert Customization.

## AUDIENCE

This course is intended for new and intermediate Administrators and users of Foglight for SQL Database monitoring with PI (Performance Investigator). Attendees will benefit most if they have administrative rights in Foglight, and others can learn about the power inside the tools to give consumers what they require.

## PREREQUISITES

This course does not require attendance in any previous Foglight training.

- Attendees must have a dedicated computer to connect to the WebEx session.
- Must have access to their Foglight server and credentials for access.
- Customer should select a dedicated User (or computer) for setup of the WebEx session for browser login to Foglight.
- The Foglight environment should not have any known performance issues.
- A background in SQL is helpful but not necessary.
- A background in monitoring or diagnostic tools is also helpful.

## TRAINING OBJECTIVES

Upon Completion of this training each student will:

- Establish an understanding of Foglight Architecture and Data Model.
- Use workflows to drill into the Database Environment to identify root causes of performance issues.
- Understand how to use PI to gain access to proactive solutions to improve performance.
- Tune monitoring, rules, and alarms to fit the needs of the user's unique environment.



- Understand how to create basic drag and drop dashboards and reports to provide views specific to the customer's applications and environment.
- Perform User Administration to create new Users, Groups, and Roles.

## ACTIVITIES

### DAY 1

#### Overview and Architecture:

- Foglight Components
- Major Features
- User Interface
  - New console vs Classic
  - Dashboards
  - Navigation
- Databases dashboards:
  - Alarms
  - Database groups
  - Databases - global view
  - Quick view
  - Advisories
  - Instance overview

### Day 2

#### Databases dashboards:

- Monitor
  - Adding a database instance
- Databases administration
  - User level access
  - Manage SQL PI repositories.
  - Manage alarm blackouts.
  - Manage agent blackouts.
  - Alarm template
  - Notification channel
  - Administration

#### Deeper Dive - SQL Performance Investigator:

- Features



- Dashboards
  - Advanced analytics
    - Change Tracking
    - Advisories
- Workflows
  - Dimension filtering
    - SQL statements
      - Analyze plan.
      - Plan analysis
    - Database users
    - Comparison
  - Resource filtering
- User-defined collections / Performance counters (optional)
- Configuring user-defined collections
- Configuring performance counters
- Reports
- Custom dashboards
  - Drag and Drop Dashboards

The training topics outlined in this document are a representation of the expected topics that will be covered during the planned sessions. Anything not outlined in this document considered out-of-scope, including Project Management and delivery on holidays or weekends. All services purchased in association with this package document are non-refundable.

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*All packages are purchased with the expressed intention to be utilized fully within a 3-to-6-month period maximum; however, all packages will expire without the right for refund or extension at 1 year from the date of purchase. All services associated with package delivery are on a time and materials basis. Packages are defined with a broad range of applicable activities which are not fixed in nature or considered specific deliverables. As such, changes may be made as agreed upon by both Consultant and Customer in writing (email is acceptable). This SOD is governed by the terms and conditions stated above and the Transaction Services Agreement (“TSA”) at <https://www.lightspeedpm.com/legal.html> as of the date this SOD is executed by Customer. Capitalized terms not defined herein shall have the meaning stated in the TSA. The TSA is hereby incorporated into this SOD instrument.*