Solutions

• Work with Big Data

Learn how Pentaho provides a complete big data analytics solution that supports the entire big data analytics process. From big data aggregation, preparation, and integration, to interactive visualization, analysis, and prediction, Pentaho allows you to harvest the meaningful patterns buried in big data stores.

◦ Getting Started with PDI and Hadoop
◦ Working with Big Data and Hadoop in PDI
◦ Connect to a Hadoop Cluster in Spoon
◦ Copying Files to a Hadoop YARN Cluster
◦ Using Spark with PDI
◦ PDI Hadoop Configurations
◦ PDI Big Data Transformation Steps
◦ PDI Big Data Job Entries

• Define Initial Data Models

Learn how the Data Source Wizard can guide you through setting up CSV files, as well as relational and multidimensional data models, as data sources for building Interactive and Analysis Reports.

◦ About the Data Source Wizard
◦ Get Started with Data Models
◦ Tour the Data Source Wizard
◦ Choose A Data Source Type
◦ Create CSV Data Sources
◦ Create SQL Query Data Sources
◦ Create Database Sources
◦ Tour the Data Source Model Editor
◦ Edit Data Source Models
◦ Next Steps
Create Pentaho Data Integration (PDI) Solutions

Explains how to use Pentaho Data Integration (PDI) to perform ETL and Rapid Schema Analysis.

- Navigating the PDI Client (Spoon)
- Data Integration Perspective
- Work with Repositories
- Schedule Perspective in PDI
- Using Carte Clusters
- Use the Pan and Kitchen Command Line Tools to Work with Transformations and Jobs
- Partitioning Data
- Use Pentaho Data Services
- Use the PDI Marketplace to Manage Plugins
- Transformation Step Reference
- Job Entry Reference
- Data Lineage

• Create Analysis, Interactive Reports, and Dashboards

Learn how to leverage the User Console to analyze data, create interactive reports, dashboard reports, and build integrated dashboards to share business intelligence solutions with others in your organization and on the internet.

- Tour the Pentaho User Console
- Use Pentaho Interactive Reporting
- Use Pentaho Analyzer
- Use Dashboard Designer
- Schedule Reports

• Design Print-Quality Reports with Report Designer

This guide covers all of the major Report Designer features and functions, from adding a data
source to working with conditional formatting and formulas. You can read it cover-to-cover to attain a reasonably comprehensive Report Designer education, or you can use it strictly as a reference to consult when you run into an operational challenge.

- About Report Designer
- How to Start Report Designer
- Report Designer Configuration Directories
- Workflow
- Navigate Report Designer
- Data Sources and Queries
- Add Report Elements
- Create Charts
- Apply Formatting to Report Elements
- Perform Calculations
- Output Parameterization
- Integration with the Pentaho Server
- Localize a Report
- Create Report Design Wizard and Interactive Reporting Templates
- Troubleshoot Report Designer
- Tutorials
- Create a Report with Report Designer

• Use Pentaho Mobile

Get immediate access to powerful business analysis at any time with Pentaho Mobile, an innovative application built specifically for the Apple iPad. Touch navigation technology enables you to access content with the tap of a finger.

- Set Up Mobile Access
- Get Started with Pentaho Mobile
- Work with Pentaho Mobile Tools