

PENTAHO TRAINING

Course Introduction

Module 1: Pentaho Data Integration Overview

Exercise 1: Introducing Pentaho Data Integration

Module 2: Inputs and Outputs

Module 3: Introduction to the Training Data

Exercise 2: Inputs and Outputs

Module 4: Data Warehouse Steps

Exercise 3: Data Warehouse Steps

Module 5: Lookups

Module 6: Field Transformations, Part 1

Exercise 4: Lookups and Field Transformations

Module 7: Set Transformations

Exercise 5: Set Transformations

Module 8: Pivot Transformations

Exercise 6: Pivot Transformations

Module 9: Field Transformations, Part 2

Module 10: Loading the Time Dimension and the Fact Table

Exercise 7: Loading a Fact Table

Module 11: Introduction to Jobs

Exercise 8: Creating a Job

Module 12: Advanced Job Concepts

Exercise 9: Advanced Job Concepts

Module 13: Common Scripting Uses

Exercise 10: Using JavaScript

Module 14: Dynamic Transformations

Module 15: Using XML in Pentaho Data Integration

Exercise 11: Using XML

Module 16: Portable Transformations and Jobs

Exercise 12: Portable Transformations and Jobs

Module 17: Logging

Exercise 13: Configuring Logging

Module 18: Error Handling in Transformations

Exercise 14: Error Handling in Transformations

Module 19: ETL Patterns

Exercise 15: Calculating Time Between Orders

(Optional) Module 20: Pentaho Enterprise Repository

(Optional) Exercise 16: Pentaho Enterprise Repository

Module 21: Scheduling and Monitoring

Exercise 17: Scheduling and Monitoring

Module 22: Pre and Post-Processing

Exercise 18: Constraint and Index Management

(Optional) Module 23: Tuning and Administration Topics

Module 24: Interpreting Runtime Data

Module 25: Clustering and Partitioning

Exercise 19: Clustering and Partitioning

(Optional) Module 26: Operational Patterns

Input/Output/Transform Steps