

# Ivy Training Programmes

## Pentaho Data Integration Crash Course - PDI001

The Pentaho Data Integration Crash course has been designed to get new users up to speed with the majority of basic features provided by PDI. By attending this course you will develop core skills that will allow you to create and manage your own ETL solutions based on your own data. Learn how to develop end to end ETL solutions using Pentaho Data Integration that will change the way you do business.



## What do we cover in the Training?

1. Install Pentaho Data Integration
2. Overview of Pentaho Data Integration
3. Creating a basic transformation using steps and hops
4. Running and previewing transformations
5. Creating and testing database connections
6. Importing Data from Multiple Source locations. Database. Text file, excel, csv, web services etc
7. Looking Up data within the data stream
8. Manipulating Data in the stream using filter, calculations, formula and other steps

9. Editing stream data using scripting.
10. Using parameters in transformations
11. Loading data into multiple output locations
12. Configure error handling and reporting on steps
13. Creating Jobs that run multiple steps
14. Creating job that loop transformation and data sources
15. Controlling job flow with conditions
16. Configure logging for transformation steps and for job entries and examine the logged data
17. Managing Pentaho Community Repositories
18. Running transformation and jobs from the commandline

## What will you learn?

By the end of this course you will have a good understand on how you can load data from your own database systems and files. You will be able to manipulate this data using the wide range of steps available including calculations, filtering, scripting, lookups, analytical queries and so on. You will also be able to develop end to end solutions by wrapping your transformations into complex processes. This will allow simple automation of complex ETL solutions. If you have issues with your solution you will have a good understanding of how to debug your own solutions as well as make use of the advanced logging features in PDI.

## What should you know?

This training course has been developed for beginners with little knowledge in programming and scripting. It is however beneficial if users have some knowledge of SQL and Database systems although it is not needed. We also cover basic scripting in the training but this is more so you can understand the possibilities.

## Contact Us

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