

# Navigating Through the Pentaho Kettle Interface

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## What is a Pentaho Kettle Repository?

The Pentaho Kettle Repository is a storage place for the ETL metadata like the transformations, jobs, database connections, etc.

### Repository is of two types:

- Kettle Database Repository: A repository is a relational database specially designed for this purpose
- Kettle File Repository: The files method consists of saving jobs and transformations as regular XML files in the file system, with extension .kjb and .ktr respectively.

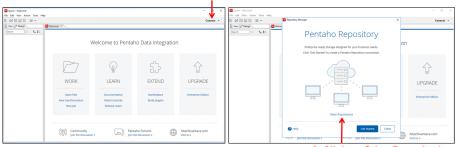
#### note:

• We shall adopt the "Kettle File Repository" method and will store the transformations and jobs in the local harddrive

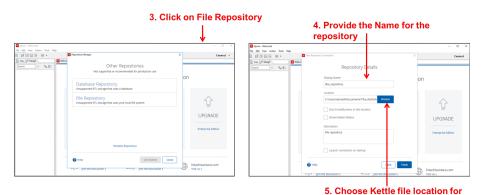
## Creating a Pentaho Kettle repository

• Session 1 : Duration 10 minutes

#### 1. Click on Connect



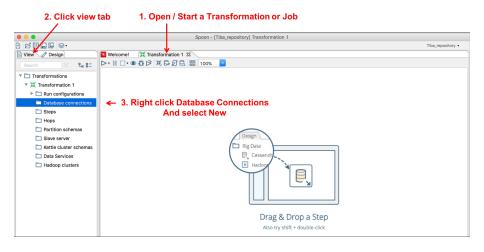
2. Click on Other Repositories



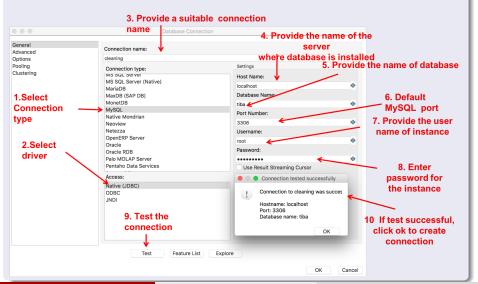
the repository

## Connecting to a database

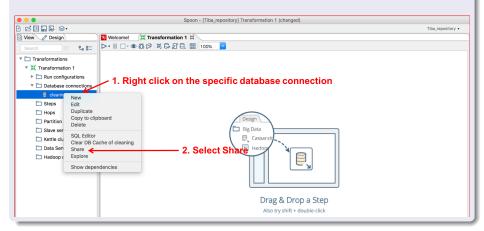
• Session 2: Duration 15 minutes



### Connecting to MySQL database server



Sharing the database connection so that all transformations and jobs can use it

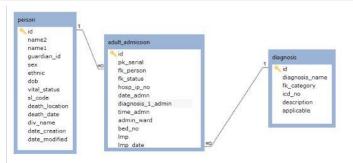


## Navigating through the Pentaho Kettle Interface

#### **Session 3: Duration 30 minutes**

- Creating a Transformation
- Executing a Transformation
- Creating and executing a Job

## ER Diagram of Sample Database





## Kettle Transformation and jobs

• Session 4 : Duration 30 minutes

### **END**



# Acknowledgements



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