

## **Electronica Project Readme**

### **Introduction**

Welcome to the Electronica project! This is a Data Warehouse (DW) prototype Java application that manages transactions and master data . Follow the instructions below to set up and run the project on your local machine.

### **Prerequisites**

Eclipse IDE  
JDK 1.8  
Maven  
MySQL Database  
Installation

### **Open Eclipse IDE.**

Navigate to File > Import > Existing Maven Projects.  
Select the root directory of the cloned repository and click Finish.

### **Set Up MySQL Database:**

Ensure that you have MySQL installed on your local machine.  
Create a database named electronica.  
Execute both createdDW.sql and, queriesDW.sql scripts in the sql-scripts to set up the required tables.

### **Configure File Paths:**

Open the project in Eclipse.  
Update the file paths for transaction and master data in the code.  
Remove headers from both files if present.  
Running the Application

### **Run as Java Application:**

Right-click on the project in Eclipse.  
Select Run As > Java Application.

### **Verify Database Connection:**

Ensure that the application connects to the MySQL database without errors.

**Test Transactions:**

Perform a test transaction to ensure the application is functioning correctly.

Review and Contribute:

Feel free to explore the code, suggest improvements, and contribute to the project.

**Troubleshooting**

If you encounter any issues, check the console in Eclipse for error messages.

Ensure that the JDK version is set to 1.8.