# ETL Tool Selection

## Instructions:

1. Compare the features, capabilities, and suitability of each ETL tool for your needs.  
2. Select one tool to explore further.  
3. Document your selection and reasons.

## ETL Tools Comparison:

|  |  |  |  |
| --- | --- | --- | --- |
| Feature | Talend | Informatica | Microsoft SSIS |
| Drag-and-drop interface | Yes | No | Yes |
| Support for various data sources | Yes | Yes | Yes |
| Community support | Extensive | Moderate | Moderate |
| High performance | Moderate | High | High |
| Scalability | Moderate | High | High |
| Robust data transformation capabilities | Yes | Yes | Yes |
| Integration with SQL Server | No | No | Yes |
| Built-in transformations | Yes | Yes | Yes |
| Extensive scripting options | Yes | Yes | Yes |

## Selected Tool:

For this project, I have selected to explore SQL scripts within SQLite further. This choice is driven by the following reasons:  
1. **Simplicity**: Using SQL scripts directly within SQLite keeps the focus on displaying core ETL concepts without needing additional tools.  
2. **Cost**: SQLite is free and open-source, making it accessible for all contributors.  
3. **Integration**: SQLite's SQL capabilities are sufficient for the scope of this project, allowing to perform necessary ETL tasks.