**INFORMATICA**:

The Informatica PowerCenter is highly available, fully scalable, and high-performing ETL tool. It provides a platform where we can execute all significant data integration projects and take an initiate all over the enterprises.

Pros

* Effective GUI interfaces for Session monitoring, Job Scheduling, ETL Design, Debugging, Administration, etc.
* Queued Message
* Third-party application data
* Mainframe and file-based data

Cons

* Workflow Monitor lack of sorting
* In the workflow monitor, there is no choice to separate out folders that are required or needed.
* In the repository manager, it not possible to move an object from one folder to another.
* Further, you cannot import XML export files.

**IBM DataStage**:

**DataStage** is an ETL tool used to extract, transform, and load data from the source to the target destination. The source of these data might include sequential files, indexed files, relational databases, external data sources, archives, enterprise applications, etc. DataStage is used to facilitate business analysis by providing quality data to help in gaining business intelligence.

Pros

* Single interface to integrate heterogeneous applications
* Flexible development environment - it enables developers to work in their desired style, reduces training needs and enhances reuse. ETL developers can follow data integrations quickly through a graphical work-as-you-think solution which comes by default with a wide range of extensible objects and functions
* Team communication and documentation of the jobs is supported by data flows and transformations self-documenting engine in HTML format.

Cons

* Big architectural differences in the Server and Enterprise edition which results in the fact that migration from server to enterprise edition may require vast time and resources effort.
* There is no automated error handling and recovery mechanism - for example no way to automatically time out zombie jobs or kill locking processes. However, on the operator level, these errors can be easily resolved.
* No Unix Datastage client - the Client software available only under Windows and there are different clients for different datastage versions. The good thing is that they still can be installed on the same windows pc and switched with the Multi-Client Manager program.
* Might be expensive as a solution for a small or mid-sized company.

**Matillion**:

Matillion is an ETL and data pipeline tool that is purpose-built for cloud data warehouses. It is the only ETL software that natively integrates with all most popular data warehouses: Google BigQuery, Amazon Redshift, Snowflake, and Microsoft Azure Synapse

Pros

* Edit, Transform and Load Data intuitively
* Load Data from Dozens of Sources
* 50% reduction in ETL development and maintenance effort
* Rich orchestration environment

Cons

* Difficult to use:Though Matillion ETL touts itself as an easy-to-use platform, this platform is intended for operators with some level of ETL and SQL experience.
* Matillion is simpler, and two-way integrations like this aren’t possible. Moreover, once Matillion puts data into your data warehouse, there’s almost no way to extract it and integrate it with another destination.