**ETL-specific tools and their applications**

In a previous reading, you were given a list of common business intelligence tools and some of their uses. Many of them have built-in pipeline functionality, but there are a few ETL-specific tools you may encounter. Creating pipeline systems—including ETL pipelines that move and transform data between different data sources to the target database—is a large part of a BI professional's job, so having an idea of what tools are out there can be really useful. This reading provides an overview.

| **Tool** | **Uses** |
| --- | --- |
| Apache Nifi | * Connect a variety of data sources * Access a web-based user interface * Configure and change pipeline systems as needed * Modify data movement through the system at any time |
| Google DataFlow | * Synchronize or replicate data across a variety of data sources * Identify pipeline issues with smart diagnostic features * Use SQL to develop pipelines from the BigQuery UI * Schedule resources to reduce batch processing costs * Use pipeline templates to kickstart the pipeline creation process and share systems across your organization |
| IBM InfoSphere Information Server | * Integrate data across multiple systems * Govern and explore available data * Improve business alignment and processes * Analyze and monitor data from multiple data sources |
| Microsoft SQL SIS | * Connect data from a variety of sources integration * Use built-in transformation tools * Access graphical tools to create solutions without coding * Generate custom packages to address specific business needs |
| Oracle Data Integrator | * Connect data from a variety of sources * Track changes and monitor system performance with built-in features * Access system monitoring and drill-down capabilities * Reduce monitoring costs with access to built-in Oracle services |
| Pentaho Data Integrator | * Connect data from a variety of sources * Create codeless pipelines with drag-and-drop interface * Access dataflow templates for easy use * Analyze data with integrated tools |
| Talend | * Connect data from a variety of sources * Design, implement, and reuse pipeline from a cloud server * Access and search for data using integrated Talend services * Clean and prepare data with built-in tools |