Write a report on the different ETL and ELT tools and technologies available in the market and the pros/cons for each.

1. ETL tools
2. Informatica PowerCenter –

* well known product in the area of ETL & Data Integration,
* comes with a good support on data integration, data management, big data, data quality master, data management, big data management and master data,
* data pipelines can be managed,
* provision to modify the data via scripting through SQL and Python.

Cons –

* requires separate plug-ins to be configured for different data sources,
* does not work well with the dynamic data.
* consumes more time in the bigger cloud replication.

1. SAS ETL & Data Integration –

* focusses on the support of data integration, data management, metadata, data quality, ETL, OLAP and Hadoop,
* provides flexibility in power sources,
* provides end-to-end process with the SAS suite,

Cons –

* sometimes difficult to use due to the very close link with the proprietary programming language where specific knowledge is required,
* compared to competitors on the market that offer the same functions for the integration perimeter, it is certainly very expensive.

1. Azure Data Factory

* The ETL tools from Microsoft are strong in the areas such as SQL, SQL server, data quality, data lakes, security, data catalog, data warehouse.

Cons –

* Feature of data exploration is missing.

1. ELT tools
2. Fivetran –

* known to provide reliable cloud-hosted pipes for the largest databases and business applications,
* easy to set up.

Cons –

* expensive.

1. Stitch data –

* provides the ability for community members to build and maintain their connectors,
* cost-effective solution for small data teams that don't want to spend much money on an ELT solution.