**Snaps**

1. Snaps are pre-built intelligent connectors that help integrate various applications, databases, APIs, and more without requiring extensive coding
2. each Snap performs a specific function—such as data extraction, transformation, or loading

Types:

***Reader Snaps:*** Used to read data from various sources like files, databases, APIs, and cloud storage.

***Parser Snaps:*** Convert raw data formats (CSV, JSON, XML) into structured records for further processing.

***Transform Snaps:*** Modify, clean, and enrich data using operations like mapping, joining, and aggregating.

***Flow Snaps:*** Control the movement of data within a pipeline, including branching, filtering, and routing.

***Format Snaps:*** Convert data into specific formats before writing, such as CSV Formatter or JSON Formatter.

***Writer Snaps:*** Store processed data in databases, files, APIs, or cloud storage.

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**File Reader snap**: This Snap reads files from various sources, including local directories, cloud storage, and FTP/SFTP locations. It supports multiple formats like CSV, JSON, and XML.

**File Writer Snap**: This Snap writes data to files in different formats and locations. It allows customization of file names, paths, and encoding options.