

# EPITECH INTEGRATOR

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ETL

...explained



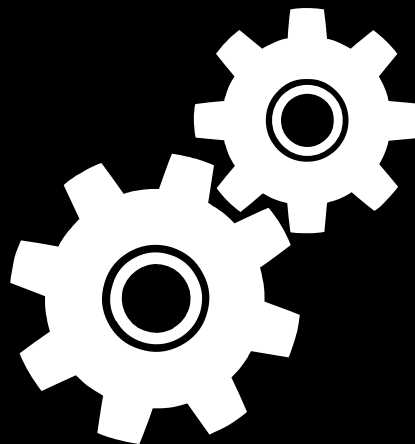
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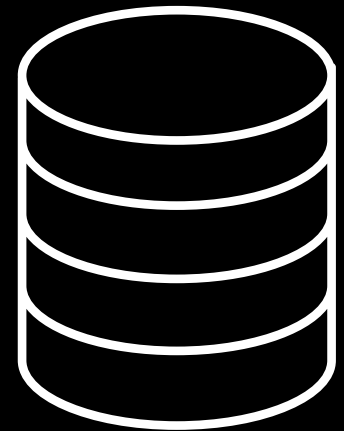
**E.T.L** stands for...



**Extract**



**Transform**



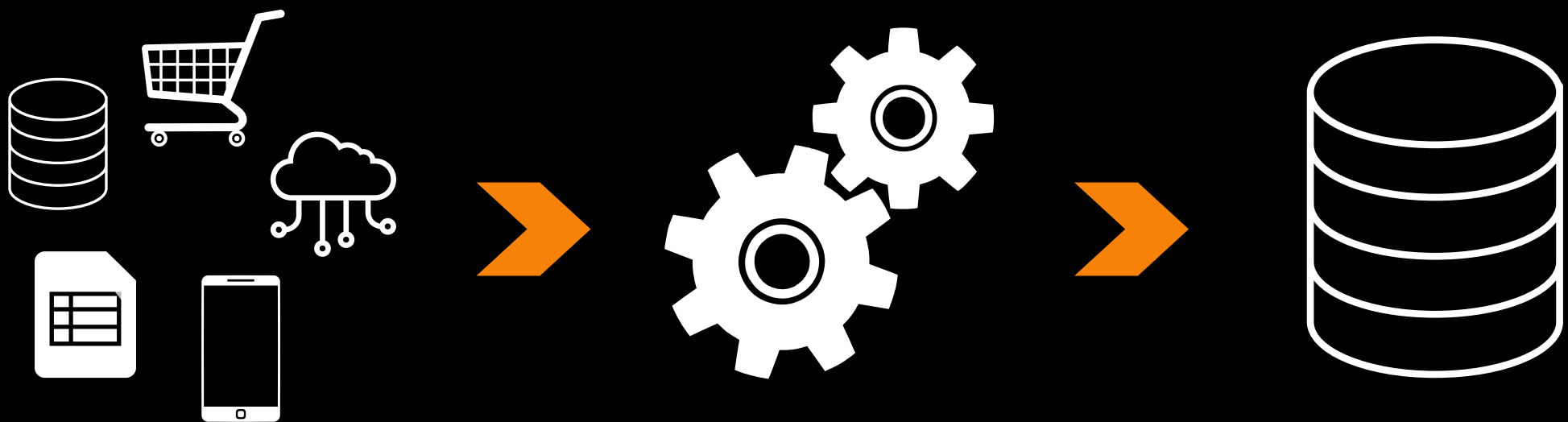
**Load**



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**E.T.L** is the process of **extracting** data from a source (or multiple sources) - **transforming** that data into a usable and reliable format, and then **loading** that data into a system or location where end-users can access it & utilise it for solving business problems!



**Extract**

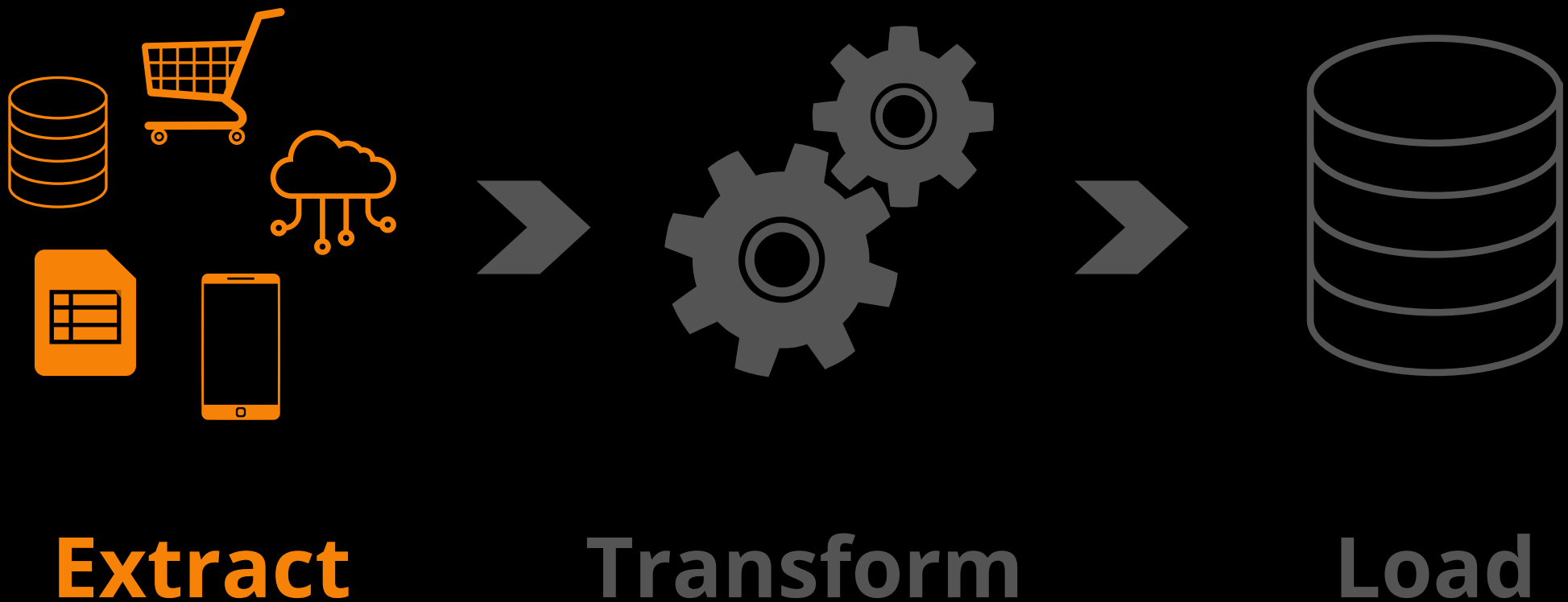
**Transform**

**Load**



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Most businesses have data (structured & unstructured) residing in many different data stores, including; the cloud, data warehouses & lakes, legacy databases, applications, CRM System, web data, and other platforms & tools.

Dedicated ETL tools can automate the extraction to create efficient & trusted workflows.



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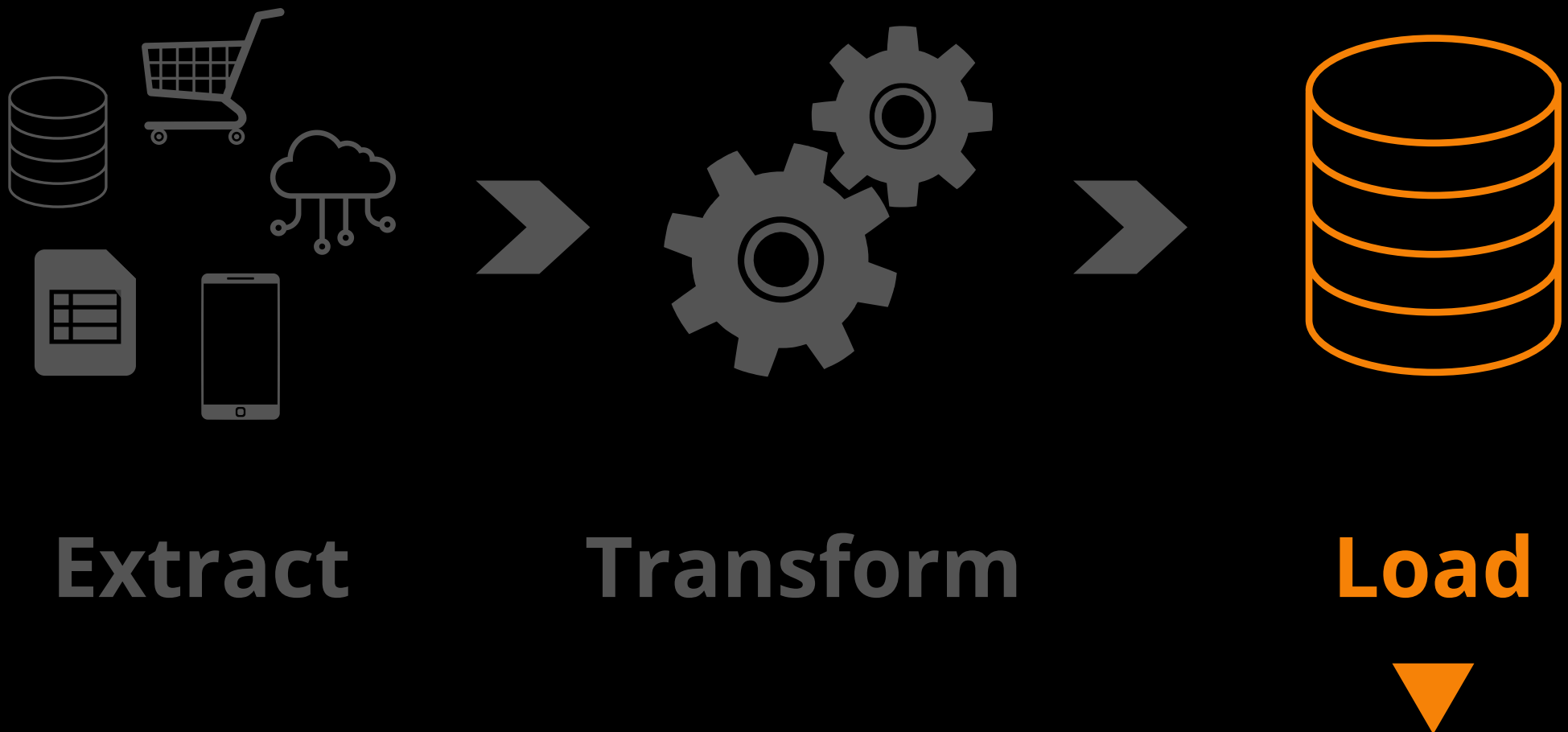
We can apply custom rules to the extracted raw data to ensure quality, accessibility, & operational usability.

Rules can include filtering, joining, aggregation, sorting, deduplication, cleansing of errors, normalisation, & other custom logic. This all ensures the raw data arrives at its final destination ready for use!



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The final stage is to load the transformed raw data to a target location or database.

Loading can be done all at once or in batches, depending on what already exists at the target location.



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## Data Integration **Simplified**



From accurate supply to reliable delivery. Whatever the situation: planning, monitoring, auditing...you **need** reliable data.

The **Integrator** empowers straightforward **Do It Yourself ETL**.

It's functional, reliable and designed to move, integrate and consolidate data.

Unlike other solutions, you don't need to put it in the Cloud and won't need IT services to get you going.

This is your toolkit to **optimize data usability** with as few steps as possible.

>> <https://epitechintegrator.com/>

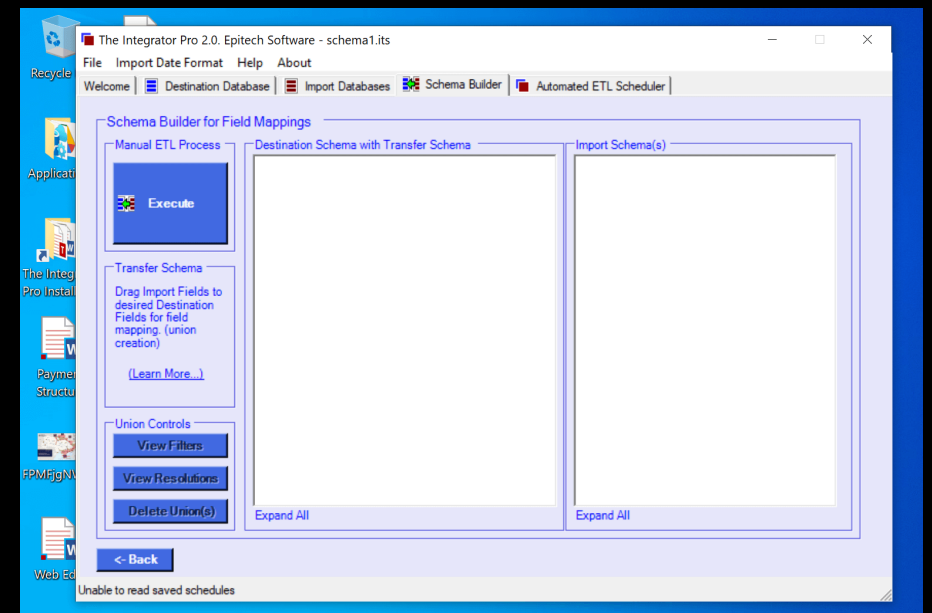
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## The Integrator **Solution**



Advantageous if you are not Cloud based, when you don't want to send everything to the Cloud, or if you use the Cloud primarily as a backup storage system.

It's the Swiss Army Knife of Plug and Play ETL. Most ETL tools are workshop "Cloud" destinations, when what you REALLY need is a local onsite tool to "just get it done".



**Healthcare**



**Mining & Industrial**



**Shipping & Logistics**

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