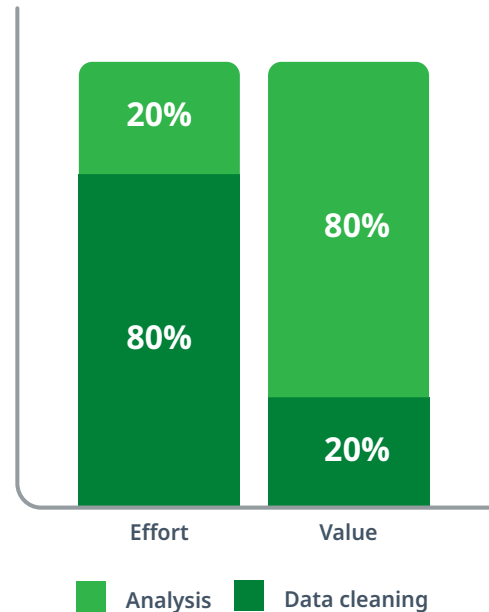


# Automate and Accelerate Health Data Transformation

*Rapidly convert disparate data into actionable insights*

## Key Health Data Transformation Challenges

Organizations are increasingly recognizing the value in Real World Data (RWD) as a tool to help reduce the cost of healthcare delivery while improving the quality, safety, and continuity of care. However, efficiently, and economically harnessing the power of RWD can be challenging due to the increasing volume of data that was not collected for analysis purposes. Many organizations are spending 80% of their effort manually cleaning data rather than generating insights.<sup>1</sup>



... IQVIA can help you flip that ratio

→  
IQVIA's Health Data Transformation Platform enables you to focus more time on generating insights instead of manually cleaning data

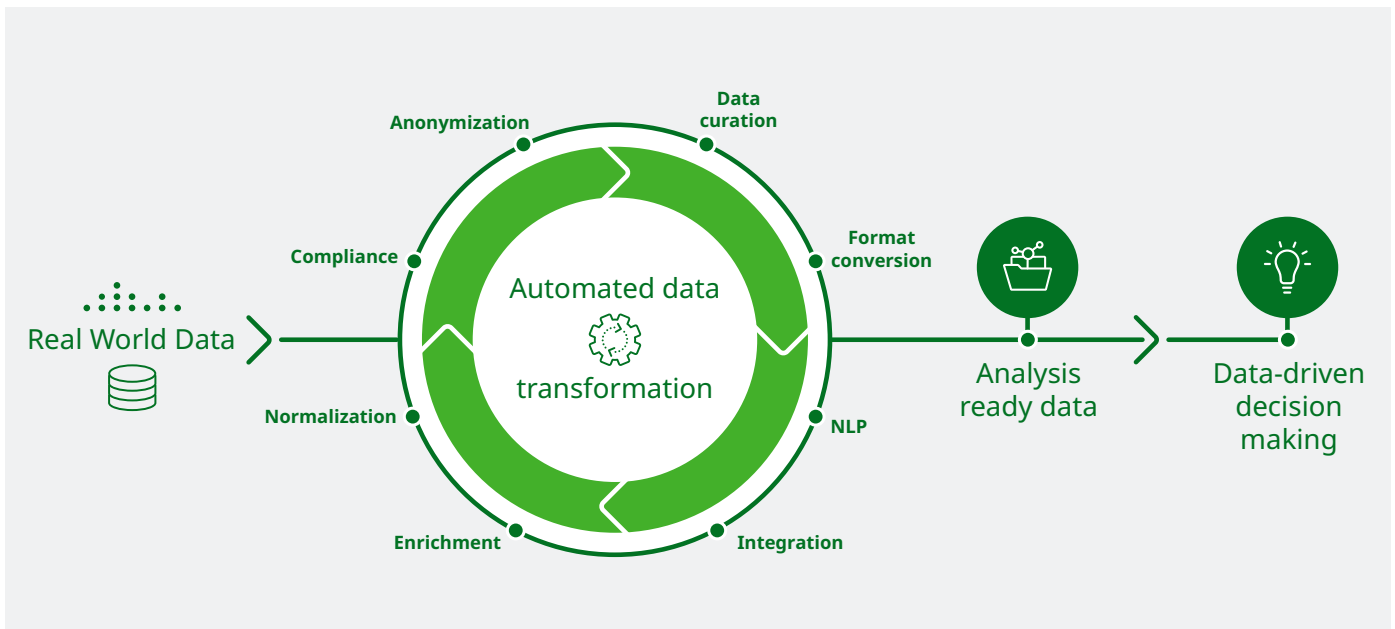
## IQVIA's Health Data Transformation Platform

IQVIA's innovative solutions combine cutting-edge technology and industry-leading healthcare expertise to help empower your teams to concentrate on analysis and generate the novel insights needed to compete in a data-driven world.





## Introducing IQVIA's Health Data Transformation Platform

*An automated, multi-functional platform that curates complex patient healthcare information, delivering analysis ready, longitudinal data*




## YOUR CHALLENGES


 Large volumes of structured and unstructured data from heterogeneous data sources and formats


 Large numbers of variables and reference ontologies


 Changing regulatory requirements


 Manual curation of patient files is very time consuming (>1 hour per patient file, on average)<sup>2</sup>

## OUR SOLUTION

 Structure, normalize, and de-identify your data across multiple sources with our core technologies

 Extensive multi-country specific ontologies out of the box to automate OMOP conversion process

 Leading open data exchange standards (OMOP, FHIR) with a statistical, evidence-based approach to privacy protection aligned to GDPR and HIPAA standards

 Automated transformation and curation process (with little manual input needed) can process thousands of patients in less than 24 hours

*"Too complex, too expensive, fragmented systems, delays with data access"*

*"IQVIA's Health Data Transformation Platform delivers fit-for-purpose, analysis ready healthcare data at scale, dramatically reducing the effort required"*

# Key use cases



## POPULATION HEALTH MANAGEMENT

Structure, normalize, and index population health data to enable fast analysis of population health trends, outcomes, costs, and aid identification of the most appropriate patient interventions.



## IMPROVE QUALITY OF CARE

Close care gaps, improve quality and reduce costs, by bringing together a complete view of a patient's medical history. Enable better predictions of disease onset and earlier identification of at-risk patients.



## OPTIMIZE HOSPITAL EFFICIENCY

Understand and extract meaningful information from unstructured healthcare records, reducing time to transform health data from weeks or months to minutes. Machine learning models built with this newly structured, normalized data can be used to optimize scheduling, reduce unnecessary procedures, and predict availability of hospital beds.



## ENSURE DATA PRIVACY PROTECTION

Safely achieve the richest possible data backed by statistical proof of privacy protection.



## DRIVE ANALYTICS-BASED INSIGHT

- Support improvement of clinical care, ID of patient cohorts and enhanced R&D
- Decrease the time, effort and cost of post-market surveillance and other real world data activities
- Rein in rising costs from multiple data aggregation solutions, analytics, AI/ML
- Capture device, patient survey, clinical outcome metrics to demonstrate the value of devices and therapies in value-based care contracts



## BENCHMARK HEALTH REPORTS

Compare treatment paths for better patient outcomes and economic efficiency.

**Questions?** Learn more at <https://www.iqvia.com/healthcare-data-transformation>

1 The cognitive coder (InfoWorld, Sept 2017): <https://www.infoworld.com/article/3228245/the-80-20-data-science-dilemma.html>

2 <https://www.linkedin.com/pulse/rise-health-dataehr-curation-as-a-service-caas-brigham-hyde-ph-d>