# quantiphi
### Solving What Matters

# Healthcare Data Engine

Harmonize your healthcare environment by bringing together data from disparate sources and transforming it into a cohesive standardized dataset that provides an optimal platform for AI development for the health systems.

## Challenges

- Disjointed clinical data residing in loosely connected or siloed data stores
- Difficulty in mapping different sources
- Lack of cohesive patient view
- Ensuring healthcare data security and privacy

## Solution

Harmonize data to enable optimal use of AI & ML to improve clinical and business workflows, including making care transition easier, integrating SDOK and utilizing predictive modeling

**Data Harmonization**

Incorporate security and data privacy best practices to ensure compliance with healthcare regulations

**Security and Compliance**

Development of platform to include cohesive data and evolution of AI solutions to solve health system gaps
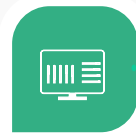
**Data Visualization and Analytics**

## Value Proposition

**Enabling analytics**

Avoids significant re-skilling of reporting and analytics staff and enables AI models to be created using tabular data as features

**AI application development**

Access to AI applications of third party application enhancements that facilitate local innovation using standards-based interoperability and health data management approaches

**Harmonize data across facilities**

Enable standardization of data across facilities to support care giver decision making and downstream analytics

**Platform Expertise**

Healthcare Data Engine experts provide assistance and customized support to prioritize use cases and optimize the platform in unique customer environment

## Once HDE is implemented use case opportunities are endless including things like:

- Health equity
- Real world evidence
- Population health advancements
- Social determinants of health
- Precision medicine
- Risk stratification
- Predictive modeling

Quantiphi is an award-winning AI-first digital engineering company driven by the desire to solve transformational problems at the heart of business. Quantiphi solves the toughest and complex business problems by combining deep industry experience, disciplined cloud and data engineering practices, and cutting-edge artificial intelligence research to achieve quantifiable business impact at unprecedented speed. We are passionate about our customers and obsessed with problem-solving to make products smarter, customer experiences frictionless, processes autonomous and businesses safer by detecting risks, threats and anomalies. Together with partners and customers, we embark on a data and AI led transformation journey that delivers impactful and measurable results.

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