

Innovation: The HEALTH DataLab[™]

PHEMI HEALTH Data Lab simplifies data management and governance challenges to allow scientists and clinicians access to more information to advance innovation for the treatment and prevention of disease. The HEALTH Data Lab is an integrated big data system that implements privacy and security for personal healthcare information (PHI). Conventional data protection products simply lock down this data. PHEMI goes much further. In today's data-driven world, organizations not only protect data, but also must share it responsibly. The HEALTH Data Lab enables medical research programs to expand our knowledge of human disease.



ORGANIZE:

PHEMI will organize your data from ingest to application, with full provenance, anonymization, and tracking included.



PROTECT:

PHEMI protects the privacy of patient healthcare data while enabling full use of all allowed data by for research.



SHARE MORE:

PHEMI enables you to securely share more of your data responsibly while protecting patients rights. Data scientists gain access to all possible data in the form they are allowed to by following attribute and role-based governance rules.

Easy, Reliable, & Adaptable with Open Source:

Why PHEMI? PHEMI is a unique data management system that allows organizations to generate value from healthcare data by simplifying the ingestion and de-identification of data with military-grade, governance, privacy, and security built-in.

Get More Value from your Data Investment: Organizations traditionally use around 10% of available data in day-to-day decision-making. PHEMI helps you organize your existing assets and harness the other 90% that can include the vast and growing areas of -omics, medical images, wearables, IoT and more.

Foster Innovation: By providing ALL allowed data through uniformly and consistently enforced policy-based access rules, research scientists and medical teams get more data available for their disease studies for modeling and machine learning efforts. This enables them to identify and improve disease detection, treatment and prevention, at a scale that has not been previously possible, through the PHEMI DataLab.

Why Work with PHEMI?

Privacy and Security Solutions: PHEMI has developed an industry-leading data commons solution that implements privacy and security, ensuring that your data scientists get the data they need, in the form that they can use.

Analysis-Ready Data: PHEMI ingests data, provides workflow driven curation and provides a framework to use analytics and machine learning on all the allowed data. Common tools are available or new tools can be integrated with the DataLab.

Great Technology: PHEMI has integrated leading open source platforms, including Hadoop, NiFi, and Accumulo to create a data governance system for healthcare data commons.

Cloud Business Model: PHEMI can rapidly deploy and customize your solution in the cloud ensuring that you have the infrastructure and data you need for your data commons.

PHEMI[®]

Enhance Innovation through the PHEMI HEALTH DataLab[™]

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