CAVATICA is a cloud-based platform for collaboratively accessing, sharing and analyzing pediatric cancer data

How is CAVATICA revolutionizing cancer research?

- The first scalable-cloud platform to provide comprehensive, integrated access to more than 5 petabytes of genomic data across adult and pediatric cancers
- Allows researchers anywhere in the world to share data and communicate in real time
- National Institutes of Health (NIH) Trusted Partner — Interoperable with authorized platforms for storage, management, and access to controlled data from the Genomics Data Commons and the database for Genotypes and Phenotypes (dbGaP)
- Integrates functionality across numerous biomedical and informatics applications such as PedCBioPortal, Harvest, and Seven Bridges Genomics
- Enables users to search clinical data associated with specific samples, as well as information on the institutions and foundations currently supporting research on a specific tumor or disease
- Supports data analysis and empowers collaboration for discovery in clinical trials
- Provides all uploaded data with protections required for electronic Protected Health Information under HIPAA regulations and is enabled for CLIA and CAP standards compliance