PennOomics is Penn’s Research Data Warehouse containing identified and de-identified phenotypic and genotypic datasets of Penn Medicine’s patient population.

Years of detailed patient data were collected from several Penn Medicine information systems, including Penn Data Store, Tumor Registry, Velos, and research studies.

Our Goal
Provide access to a comprehensive and integrated set of phenotype and genotype data to researchers and clinicians in order to support and promote collaborative research in translation science and improve patient care while protecting patient privacy.

While the system is continually expanding, the current efforts have made data available in the following basic categories:

- Patient demographics
- Encounters
- Coded diagnosis
- Coded procedures
- Medication
- Specimen
- Clinical Study
- Observation
  - Labs
  - Microbiology
  - Vital Signs
  - Tumor stage & grade
- Omics data from Research Studies

For more information, please visit our website at: http://www.med.upenn.edu/dac/pennomics-about.html