

Process	Software/Programming Language	Resource	Contact for Resources	Data Type	Cost
High Performance Cluster Compute	R, Python, Managed Genomic Alignment Tools, and other Analysis Software Applications [User specific modules can be installed and managed by users*]	ARCH	https://www.arch.jhu.edu/	No PHI/PII	Free
		JHPCE	https://jhpce.jhu.edu/	Limited PHI	Free
		DISCOVERY (Research HPC)	RITServices@jh.edu	Full PHI/PII	Free
		Phoenix HPC	https://plan.jh.edu/display/PHPC/PhoenixHPC	Full PHI/PII	Free
		CRUNCHR	https://pm.jh.edu/cookbook	Full PHI	See Website
Data processing or pipeline development	R, RStudio, Python, Jupyter Notebook	MS Azure Databricks	RITServices@jh.edu	Full PHI/PII	Dynamic-based on usage
		RIT HPC [OnDemand]	RITServices@jh.edu	Full PHI/PII	Free
Machine Learning Services	R, Python, Jupyter notebook	MS Azure ML Studio/Services	RITServices@jh.edu	Full PHI/PII	Dynamic-based on usage
AI Services	Open AI/ChatGPT	MS Azure Open AI	RITServices@jh.edu	Full PHI/PII	Dynamic-based on usage
Low Performance compute	R, RStudio, Python, Jupyter Notebook etc.	SAFE Desktop	RITServices@jh.edu SAFEDesktop@jhmi.edu	Full PHI/PII	Free

* Software access need to be compatible with HPC user permissions to installed and executed.

For questions about custom software, please contact the resource contact for specific usages.