

Process	Software/Programming Language	Resource	Data Type	Cost
High Performance Cluster Compute [e.g. Alignment and processing of raw sequencing data (bcl, fasta, fastq files)]	bcl2fastq/BCLConvert, CellRanger, STAR, bowtie, etc. (private modules can be installed and used)	ARCH	No PHI/PII	Free
		JHPCE	Limited PHI	Free
		RIT HPC	Full PHI/PII	Free
		Phoenix HPC	Full PHI/PII	Free
Data processing or pipeline development	R, RStudio, Python, Jupyter Notebook	MS Azure Databricks	Full PHI/PII	Dynamic- based on usage
		RIT HPC [OnDemand]	Full PHI/PII	Free
Machine Learning Services	R, Python, Jupyter notebook	MS Azure ML Studio/Services	Full PHI/PII	Dynamic- based on usage
AI Services	Open AI/ChatGPT	MS Azure Open AI	Full PHI/PII	Dynamic- based on usage
Low Performance compute	R, RStudio, Python, Jupyter Notebook etc.	SAFE Desktop	Full PHI/PII	Free