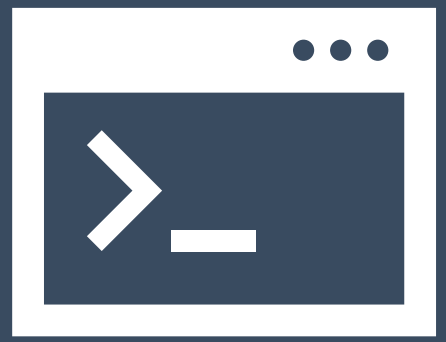
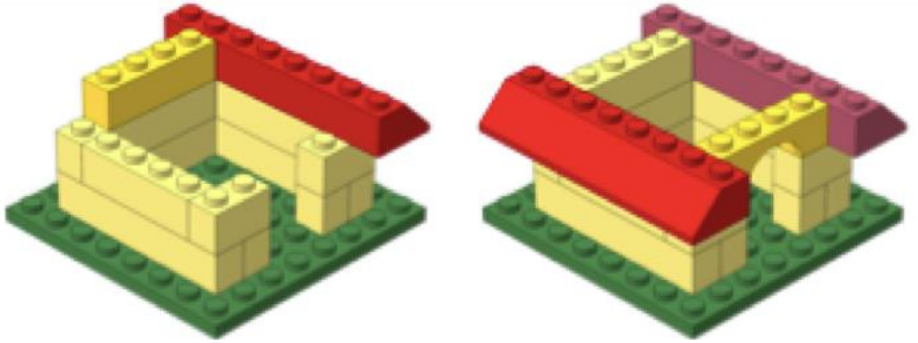
Introduction to Peak Analysis

https://tinyurl.com/hbc-peak-analysis



Harvard Chan Bioinformatics Core

Workshop Scope

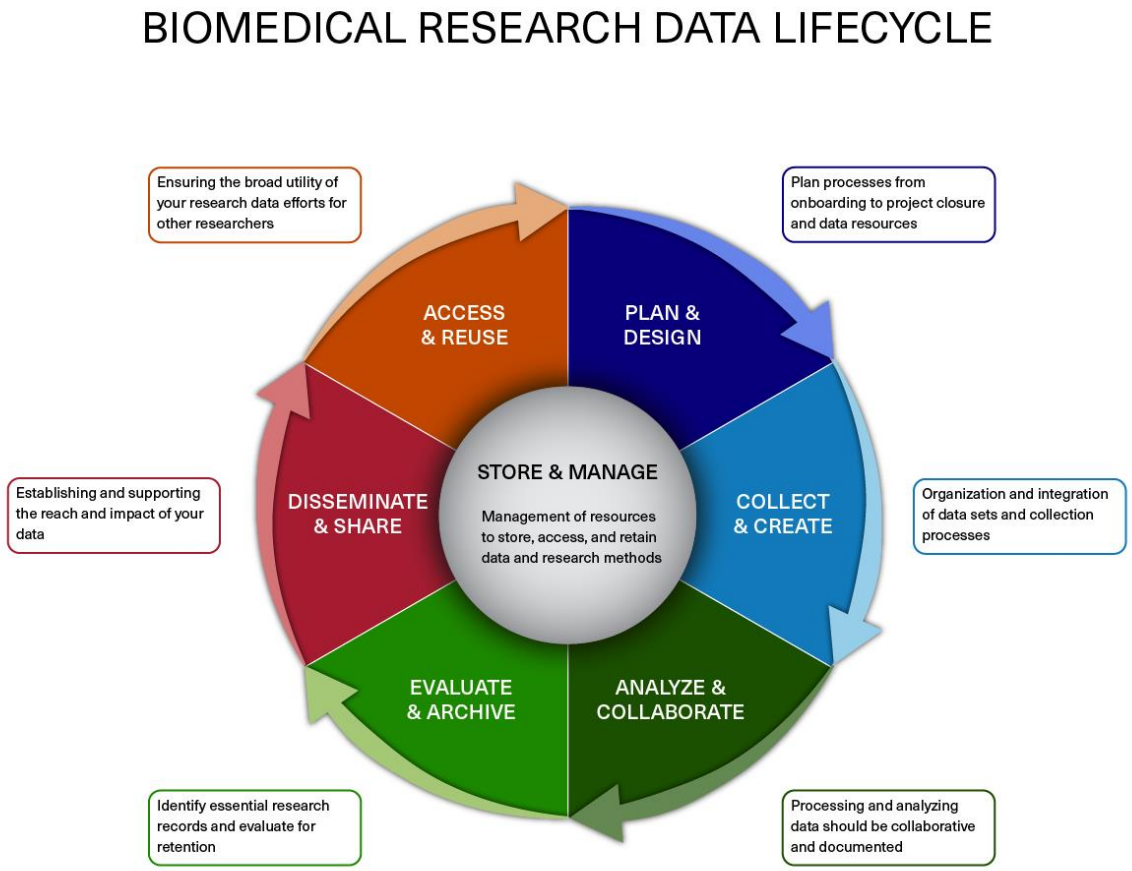


- Describe peak data and different file formats generated from peak calling algorithms
- Assess various metrics used to assess the quality of peak calls
- Compare peak calls across samples within a dataset
- Create visualizations to evaluate peak annotations
- Evaluate differentially enriched regions between two sample groups

Exit survey

https://tinyurl.com/hbc-peak-analysis-exit-survey

Research Data Management (RDM)



Better RDM practice benefits you

- **HMS Data Management LMA**
  - **Webpage:** https://datamanagement.hms.harvard.edu
  - **Sign up for quarterly email updates**
- **Harvard-wide Research data Management**
  - https://researchdatamanagement.harvard.edu/

AUGUST 2025

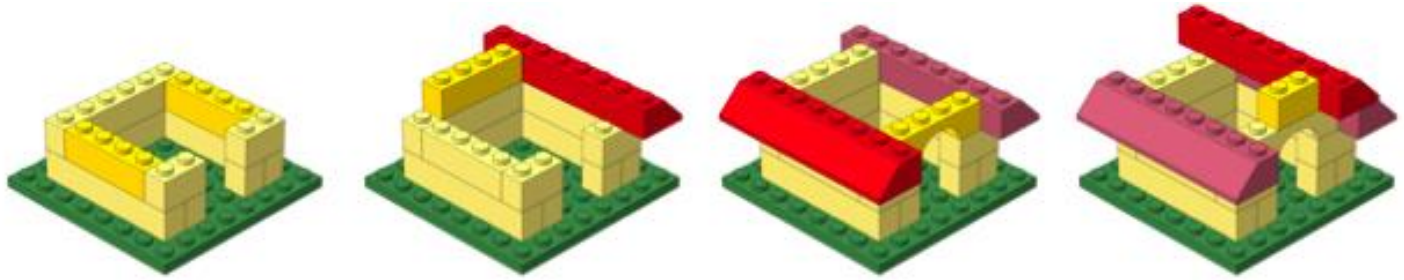
Date	Time	Event	Location
Aug 25	10am	**Managing Your Electronic Records: Shared Drives and Email**	Zoom

SEPTEMBER 2025

Date	Time	Event	Location
Sep 4	10am	**LMA Research Data Management Working Group Monthly Meeting**	Zoom
Sep 5	1:30pm	**CGA Workshop: Introduction to GIS**	CGIS South Building, Room S020
Sep 8	11am	**Getting Started on the OSF: A Hands-on Guide**	Zoom
Sep 12	9am	**HKS: Data Carpentry**	HKS Library
Sep 19	9am	**HKS: Data Carpentry**	HKS Library
Sep 25	10am	**Which transcriptomics approach is right for you? Navigating bulk, single cell and spatial technologies**	Hybrid

https://datamanagement.hms.harvard.edu/about/news-events/rdmwg-calendar

Keep building!

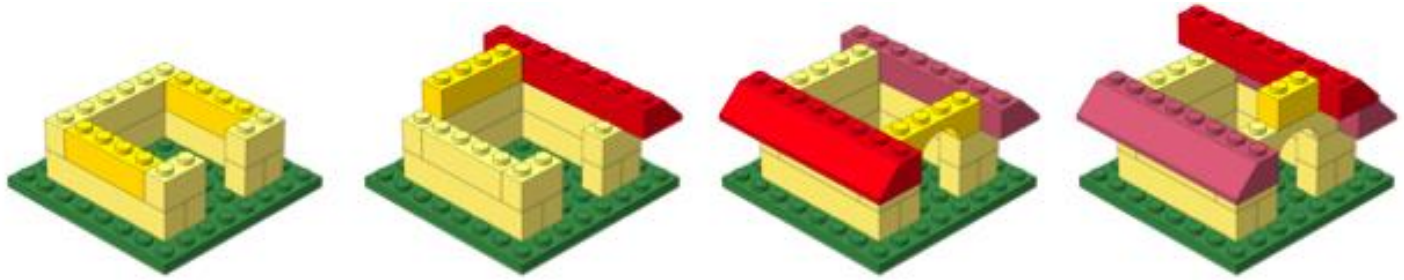


2025 schedule:

Topic	Pre-requisites	Date	Time	Registration
Foundations in Shell	None	9/17/25	1 - 4 pm	Register now!
Shell - Needle in a Haystack	Foundations in Shell	10/15/25	1 - 4 pm	Register now!
Tips and Tricks for the O2 Cluster	Foundations in Shell	11/19/25	1 - 4 pm	Register now!

https://bioinformatics.sph.harvard.edu/current-bioinformatics-topics-workshops

Keep building!



Topic	Category	Date	Duration	Prerequisites
Introduction to single-cell RNA-seq	Advanced	September 9, 12, 16	Three 2.5h sessions	R
Pseudobulk and related approaches for scRNA-seq analysis	Advanced	October 21, 24, 28, 31	Four 2.5h sessions	R
Introduction to Differential Gene Expression Analysis	Advanced	November 14, 18, 21, 25	Four 2h sessions	R

https://bioinformatics.sph.harvard.edu/upcoming-workshops

Talk to us early!

Involvement in study design to optimize experiments

More Information

- *HBC training materials: https://hbctraining.github.io/main*
- *HBC website: http://bioinformatics.sph.harvard.edu*

Contact Us

Sign up for our mailing list:

https://tinyurl.com/hbc-training-mailing-list

- *HBC training team:* hbctraining@hsph.harvard.edu
- *HBC consulting:* bioinformatics@hsph.harvard.edu