



# Introduction to R

Harvard Chan Bioinformatics Core

<https://tinyurl.com/hbc-r-online>

Sponsored by DF/HCC, HSCI, HMS Foundry

# Learning Objectives



- ✓ Comfortably use RStudio (a graphical interface for R)
- ✓ Fluently interact with R using RStudio
- ✓ Become familiar with R syntax
- ✓ Understand data structures in R
- ✓ Inspect and manipulate data structures
- ✓ Install packages and use functions in R
- ✓ Visualize data using *ggplot2*
- ✓ Utilize pipes, tibbles and functions from the Tidyverse package suite

# Harvard Catalyst Online Resource

Intro to R

*Resource link*

# Exit survey

<https://tinyurl.com/r-workshop-hbc>

# Interested in additional training?

All workshop materials available at:

<https://hbctraining.github.io/main>

---

Next workshop (Dec 3<sup>rd</sup>):

Bulk RNA-seq Part II (DGE, functional analysis)

# Office hours

- Office hours for trainees
- Every other Wednesdays 11am - noon
- 4 x 30 minute slots available
- Next OH - Dec 8<sup>th</sup>
- Sign up form will be emailed to you

# Get (stay) in touch with us!

*Sign up for our mailing list:*

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

*Training email:* [hbctraining@hsph.harvard.edu](mailto:hbctraining@hsph.harvard.edu)

*Consulting email:* [bioinformatics@hsph.harvard.edu](mailto:bioinformatics@hsph.harvard.edu)

**Twitter:** [@bioinfocore](https://twitter.com/bioinfocore)