

Computational Research Tool



Code Ocean is an end-to-end workflow platform geared toward reproducibility. Researchers can focus on their work instead of troubleshooting technology.

Researchers can:

- Access all the tools needed to create, analyze and publish computational research code without local machine installs
- Use the Code Ocean development environment or write code in virtual versions of JupyterLab, RStudio and terminal
- Develop and test in a familiar environment, alongside peers, so all users can view the results in real time
- Sync changes back to their capsule when they are done with their session
- Embed executable code in any digital publication or website
- Fully export compute capsules that include metadata, code, data and technical dependencies all packaged together in a lightweight container
- Easily transfer data for security purposes or project-specific needs