

# Jupyter Notebooks Jam (Workshop)

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## DESCRIPTION

The Jupyter Notebooks Jam workshop is for conference participants with *any* levels of technical competency and domain knowledge. The workshop is a mix of planned and participant provided exercises, i.e. we will have a set of exercises to work through, and we will call for exercises to throw “in the mix” from participants to be added in as well. There is an incredible array of people in the eResearch community with differing interests and areas of expertise to offer. It’s time all sorts of us got into a room and do some Jupyter jamming.

## WORKSHOP OUTLINE

The workshop is ~3 hours (including breaks):

1. A call out for exercises to add into the jamming list and some short exercises to warm up.  
**45 minutes**
2. Longer exercises to test our concentration levels.  
**60 minutes**
3. Now anything can happen. You take over!  
**60 minutes**

## WHO SHOULD ATTEND

The workshop is targeted at data librarians, research support, technologists, and eResearch professionals with an interest in testing out a mix of techniques, programming languages and libraries, using a Jupyter notebook, and sharing their own techniques. Participants need not be proficient in any programming language, just comfortable with an interactive session, being walked through a series of practical exercises, and learning some useful commands and processing techniques e.g. inventorying a file system, reading in a dataset, displaying a table, working with WebDAV, querying and different APIs, calling in and visualising data.

## WHAT TO BRING

Come with a laptop and with a CloudStor account setup (contact the workshop convener if you need assistance).

## GENERAL INFORMATION

- This workshop is a half-day and includes a hands-on component.
- There are no constraints on the number of attendees and no special seating or table requirements.