Share your Jupyter notebooks with git

Motivation

- In session 01 we created a Jupyter notebook
- Now we want to share it openly with my boss

Requirements

- Account on github.com
- git
- conda env create -f environment.yml

Create a repository on GitHub

- log into github.com (others: gitlab, bitbucket, etc)
- create a repository

Create a local clone

- git clone
- cd clone

Add the notebook to the repository

- wget
  https://raw.githubusercontent.com/spsrc/droplets/master/gaia_explo
- git add gaia_exploratory.ipynb
- git commit -m " initial version "
- git push # see notebook in web browser

Update the repository

- jupyter lab # open and edit notebook
- git add
- git commit -m " here is my change "
- git push # see updated notebook in web browser

Reference Material

- Jake Vanderplas: https://bit.ly/36z1IyG

Problem

- My boss can see the notebook but cannot execute it!
- Solutions in the next sessions!