Experimental Setup:

We're using a Standard B4ms (4 vcpus, 16 GiB memory) Virtual Machine instance on Azure cloud. We loaded the VM instance with Linux (ubuntu 18.04) and python (version 3). Environment is loaded with Numpy, Pandas, Pytorch and sklearn python packages (installed using Pip). Then, on the VM, we have a jupyter server that is password protected and listens on the 8888 port. VM was configured with a public IP address and DNS (project-dlh.westus.cloudapp.azure.com). Team members can access the notebooks and datasets from the jupyter interface on any browser on personal machines. Ideally, we can upload datasets and edit code directly from browser only and will not need to access the environment in any other way sans any system level issues on the server end. On Jupyter, we have created individual notebooks for each member so we can each work/experiment in parallel and still see and share each other's changes. Reason for this setup is that jupyter is not collaboration platform as parallel edits on same notebooks don't function well. We also have a shared project notebook that we will maintain as the approved and final code.