

Dave Morris :

An interactive platform for data analysis that allows end users to execute their code close to one or more datasets.

Providing remote storage to stage the results and an interactive interface enabling users to modify and re-run their code and see the results in near real time.

Janet Evans :

I think it should include “**data access** and analysis” – archives are often attached too.

Not just users own code but there can also be pre-loaded software on the platform.

Not just Jupiter Notebooks, container based execution services, and batch systems (depending on size of the job), should all be included.

Christophe Arviset :

I believe a science platforms serves more purposes than just end user data analysis.

- A collaboration environment for users to share their code and data with other users on the platform.
- A data processing platform for missions/projects,
- A software preservation platform for legacy code made available on the platform

Tess Jaffe:

Maybe rather than one definition, a list of components would be better.

My priorities are:

- The availability of pre-configured compute environment proximate to the data where users can execute both existing and custom code
- Tools to collaborate with others at different institutions in the same compute+data environment (ditto)
- More resources than a user might have at their institute