Reproducible

Audited

Assured

Adaptable

Sustainable

RAP

GSS Collaboration Award 2019

Reproducible

Could someone with no prior knowledge of your pipeline pick it up and use it as intended?

Could someone on a different system, or in a different locale, use your pipeline as intended?

Is each usage of the pipeline recorded in a transparent way so that the steps taken to produce the product are easy to follow and understand?

Audited

Is there a clear record of who made what changes to which parts of the pipeline, and when and why those changes were made?

Is there a clear record of quality assurance for each of those changes made?

Is there a clear record of the roles and responsibilities of all those involved in the pipeline?

Assured

Is quality assurance automated to assist human assurance in your pipeline?

Is quality assurance automated on the input data?

Are potential flaws in quality detected, addressed, and recorded in a transparent and reproducible way? Are alerts raised when these are detected?

Does your QA process follow AQUA principles and draw on appropriate cross-government guidance?

Adaptable

Can someone with no prior knowledge pick up the pipeline and modify it in a proportionate amount of time to satisfy their requirements?

Can parts of the pipeline be changed or improved without affecting the rest of the pipeline?

Can parts of the pipeline be reused in other projects?

Sustainable

Are there plans in place to ensure there is sufficient capability within the team to use and modify the pipeline as needed in the future?

Are there plans in place to ensure that the pipeline is considered in discussions around changes to the organisation or infrastructure which supports it?

Is there sufficient documentation to enable others to understand why decisions have been made and why the pipeline has been configured in the way that it has?