# Turning Visions Into Reality: Lessons Learned From Building a Search and Discovery Platform

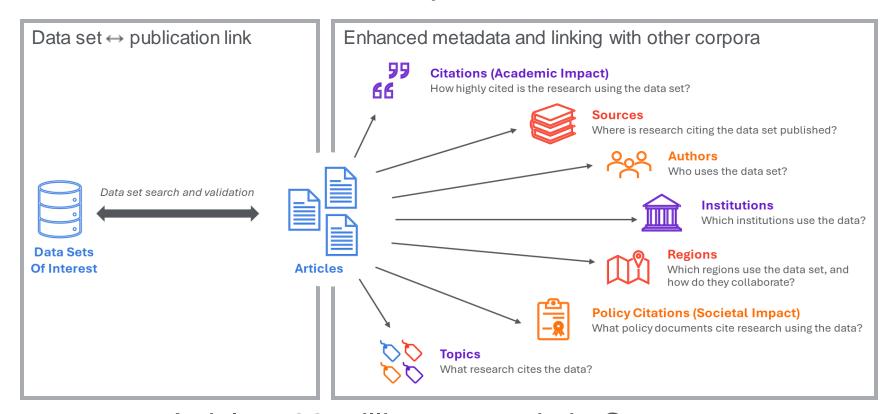






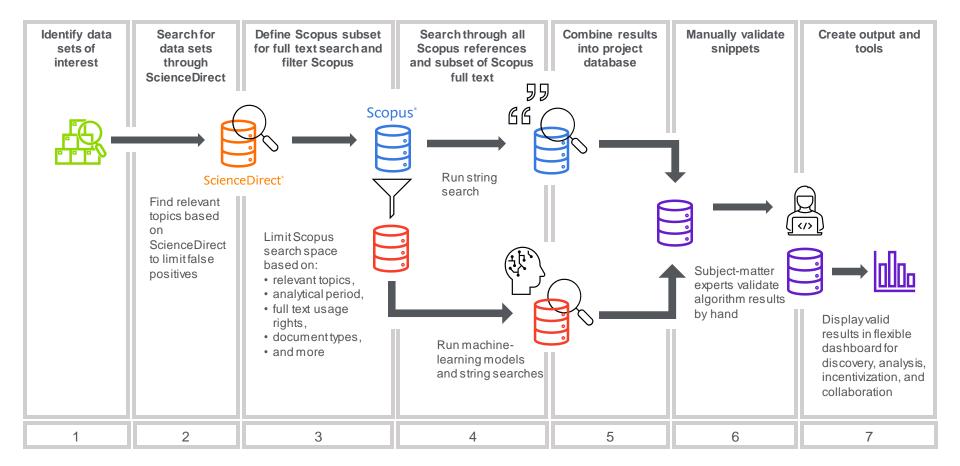


### Context: Search & Discovery Model



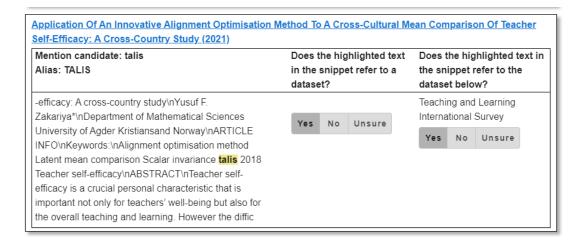
Articles: 96 million+ records in Scopus

# Process Description: Searching for Datasets



#### Validation: Text Review by Subject Matter Experts

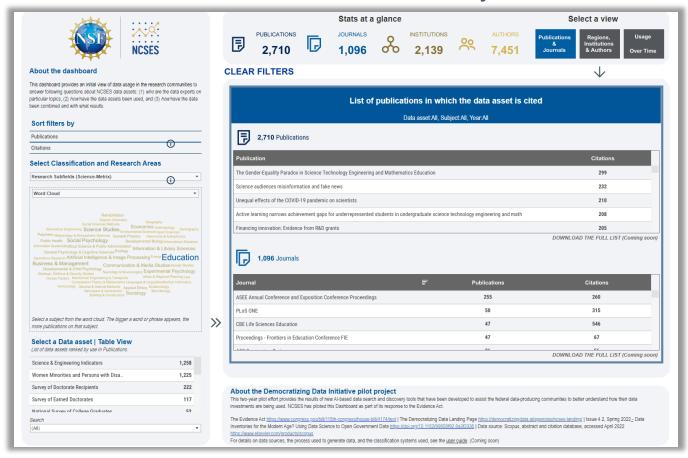
Snippet Validation Example



Validation Results Example

Data Asset / Alias name	Actively Validated	Positively Validated	Precision
Higher Education Research and Development Survey	42	42	100%
HERD	1308	8	<1%

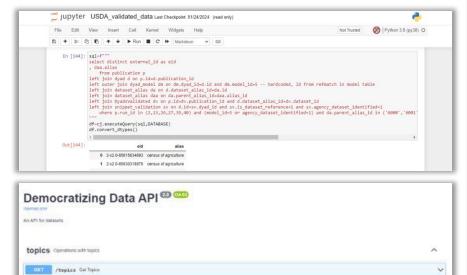
## Access & Dissemination: User-Friendly Dashboards

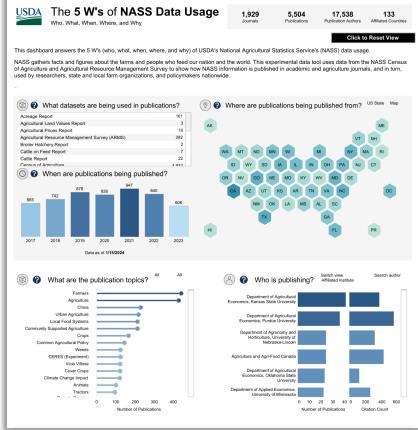


### Access & Dissemination: Tools for Custom Analysis

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- SciServer (cyberinfrastructure system with tools and big data)
- Application Programming Interface (API)





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#### **Future Directions**

- Increase transparency and collaboration through administrative dashboard
- Expand to include other corpora (e.g., policy documents)
- Develop meaningful, tailored classifications through community engagement
- Improve data usage measures
- Refine user tools

