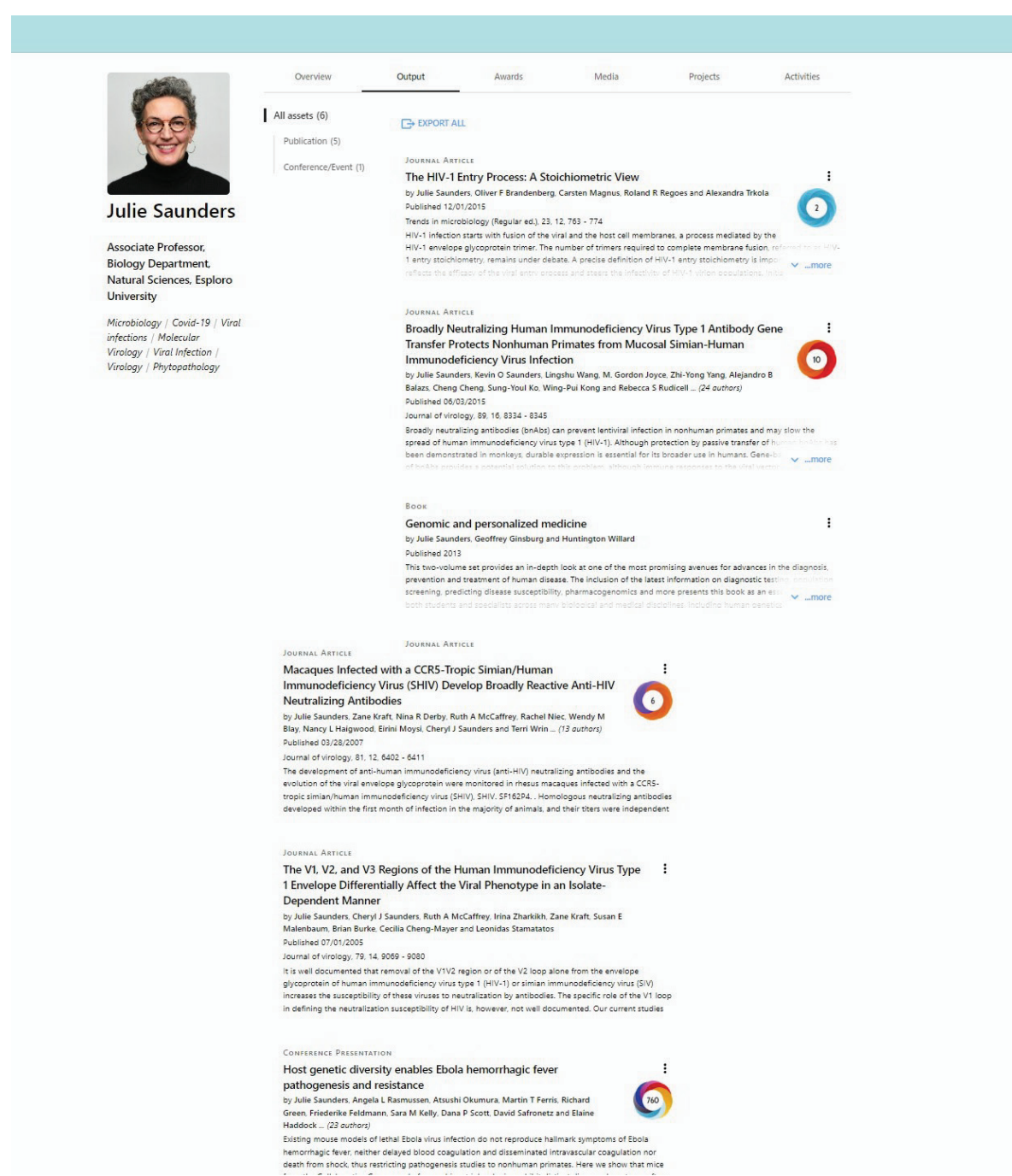


A Smarter Approach to the Expert Finder System Profile Completeness-Quality-Cost Tradeoff

Sara Branch and Jeff Horon
Clarivate

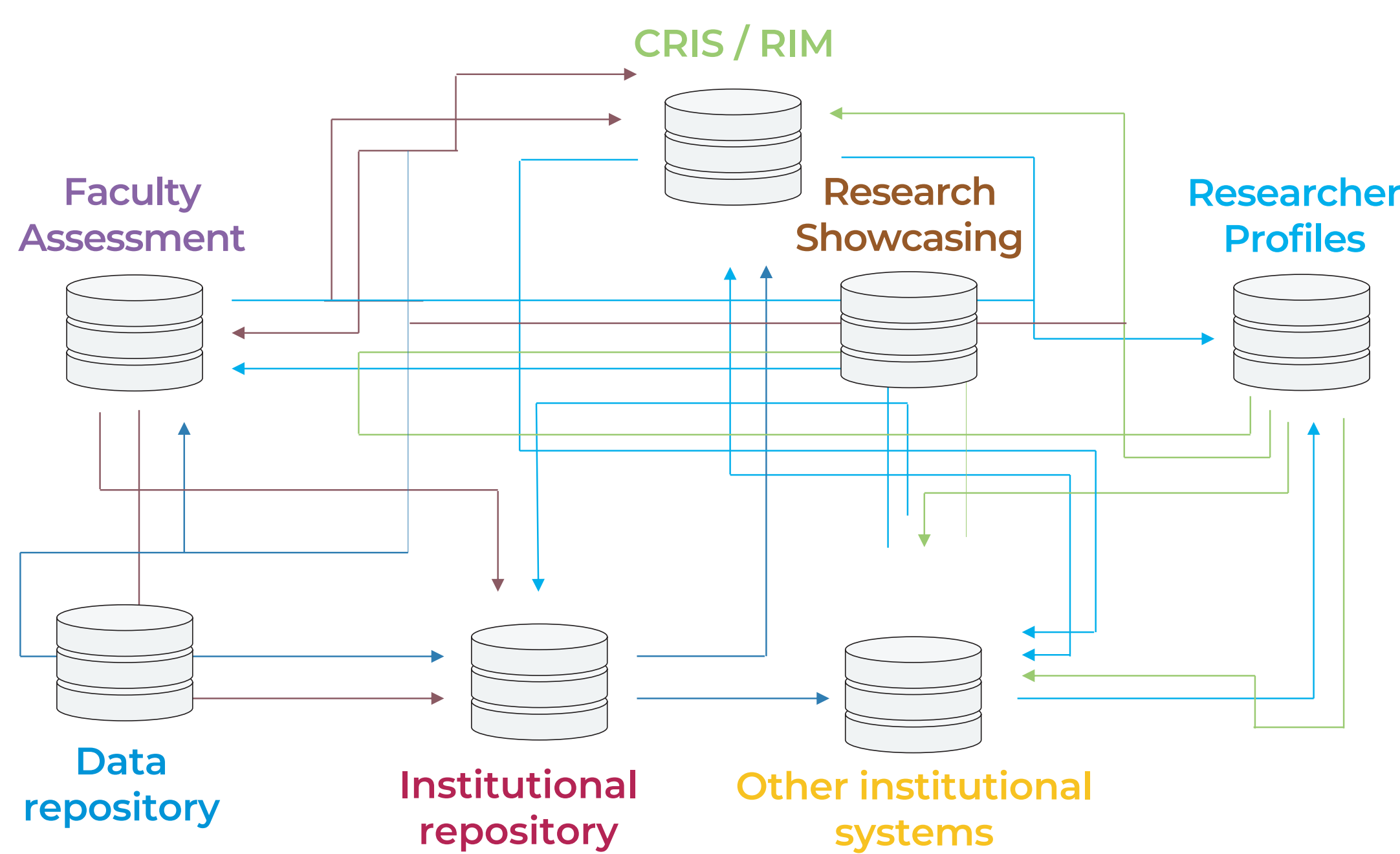
The Goal

Curate comprehensive Expert Finder System profiles that showcase the full scope of researcher data.



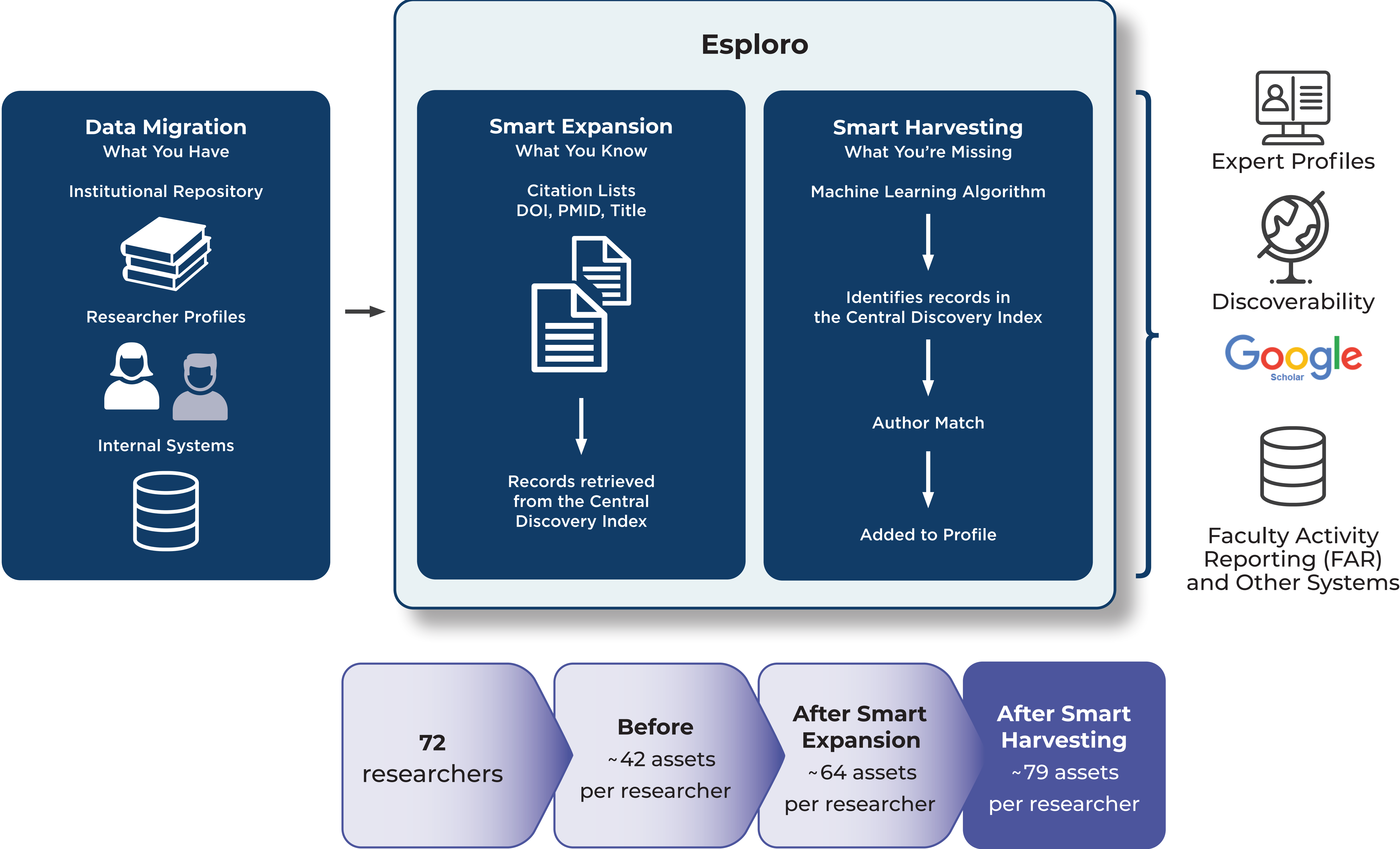
The Challenge

Managing research data is complex and inefficient, performed through siloed point solutions, generating incomplete and inconsistent data.



The Solution

Optimize data completeness, quality, and cost by repurposing existing data (e.g. from FAR systems), utilizing the Ex Libris Central Discovery Index (CDI) database to enhance metadata, and employing Smart Expansion and Smart Harvesting — a machine learning algorithm — to harvest research publications. Integrate with other internal systems via APIs and other standards to meet multiple needs across the institution.



Results of a recent pilot study of Profile Enrichment Services that assessed the impact of Smart Expansion and Smart Harvesting for a sample of 72 academic researchers.

