Salmon Data Service (SDS)

Consider the research process. How much time is spent finding, cataloging, validating, cleaning, integrating, and maintaining data? All these processes are time consuming and immensely inefficient. Further, each institution trying to maintain its own data stack and staff its data infrastructure spends a big chunk of its budget on licenses, IT salaries, hardware, and networking, rather than on funding actual research. This can be fixed.

The Salmon Data Service assumes responsibility for:
1. Data Quality – data are credible, source is reputable.
2. Validation – data checked and verified.
3. Documentation – data descriptions and support information are provided.
5. Publication – data regularly published to subscribers.
6. Syndication – reports provided regularly to media.
7. Data Security – access is governed, data policies enforced.

Add-on services:
8. Data Visualization – interactive graphics, dashboards, info-graphics.
10. Automation – updates from sources, reports.

Your data increases SDS value: give a little, get a lot.

Goal: Information is universally accessible by a service that enables participants to share data through a managed, cloud-based infrastructure.

SDS minimizes the data cost of doing research: IT staffing, licensing, hardware maintenance, networking, and endlessly reinventing the wheel. This cloud-based data service consolidates these costs by enabling participants to access information services from an accredited provider.

There is a fee to maintain the cloud infrastructure for SDS – but unlimited access to these benefits. User support and technical services via contracts with SDS.

The more data available, the more valuable the service. The true value of SDS lies in the participation of institutions with siloed data repositories. Institutions who wish to benefit by sharing their data will receive technical resources from SDS to assist data migration, integration, and maintenance.

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The Leap  
from 1989 (?) to 2019 for  
salmon information flow  
and salmon knowledge  

Salmon Data Service  
Assemble, standardize, integrate, maintain,  

Salmon Net  
Who is doing what, where, how,?  

field  
labs  
ships  
citizens  

assessment  
discovery  
decisions  
education  

more and better  
into the world  

metaphorical sushi:  
salmon datasets are myriad,  
disparate, disorganized,.  

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