

REPOSITORY PLANNING @ NYU

HIM MISTRY

MANAGER, DATA SERVICES

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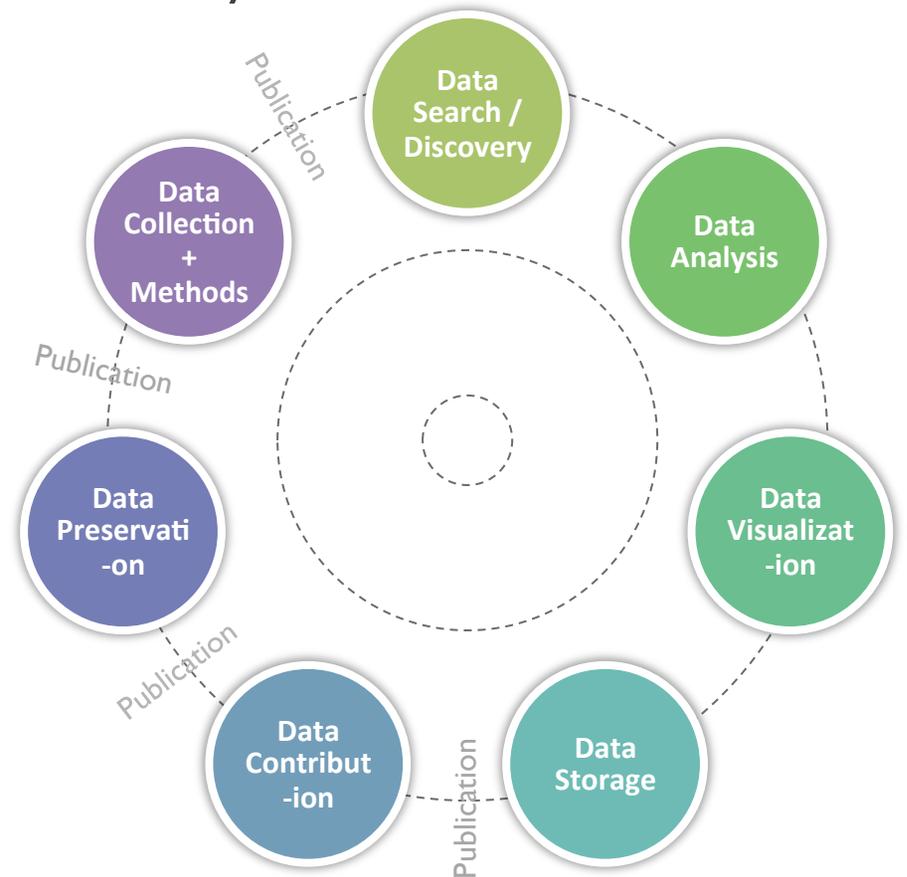
NEW YORK UNIVERSITY

- NYU is one of the largest private universities in United States
- 40,000+ students
- 18 schools & colleges
- 5 major centers in Manhattan
- Global Sites in Africa, Asia, Europe, & South America
- 2,500+ courses offered
- Students come from every state & 133 foreign countries

NEW YORK UNIVERSITY

- Unique business of teaching, research & scholarship realm
- Aim to support Research Life Cycle > Data Life Cycle

- **Collection**
Publication
- **Search & Discovery**
- **Analysis**
- **Visualization**
- **Storage**
Publication
- **Contribution**
Publication
- **Preservation**
Publication



CUSTOMERS / PATRONS - STUDENT, STAFF & FACULTY

Archeology
Irish Study
Finance
Sociology
Politics
Economics
Biology
Urban Planning

Geodesign
Urban Studies
Transportation
Food & Nutrition Studies
Social Work
Environmental Justice
Education
Criminology
Humanities
Engineering
Crisis mapping

Capstone Projects
Advertising
Epidemiology
Real Estate
Anthropology

Humanitarian Efforts
History
Space Planning
Linguistics
Public Safety
Climate Change
Public Health
Dentistry
Biology

TRENDS

- Data Intensive Research
- Process Intensive Research Data Analysis

New Departments & Programs

- Center for Urban Science + Progress (CUSP)
- Center for Data Science (DS)
- Center for Genomics and Systems Biology
- Bioinformatics
- Applied Statistics for Social Science Research (A3SR)

MODEL

Mix-Model: IT + Library (technology meets pedagogy)

Central IT:

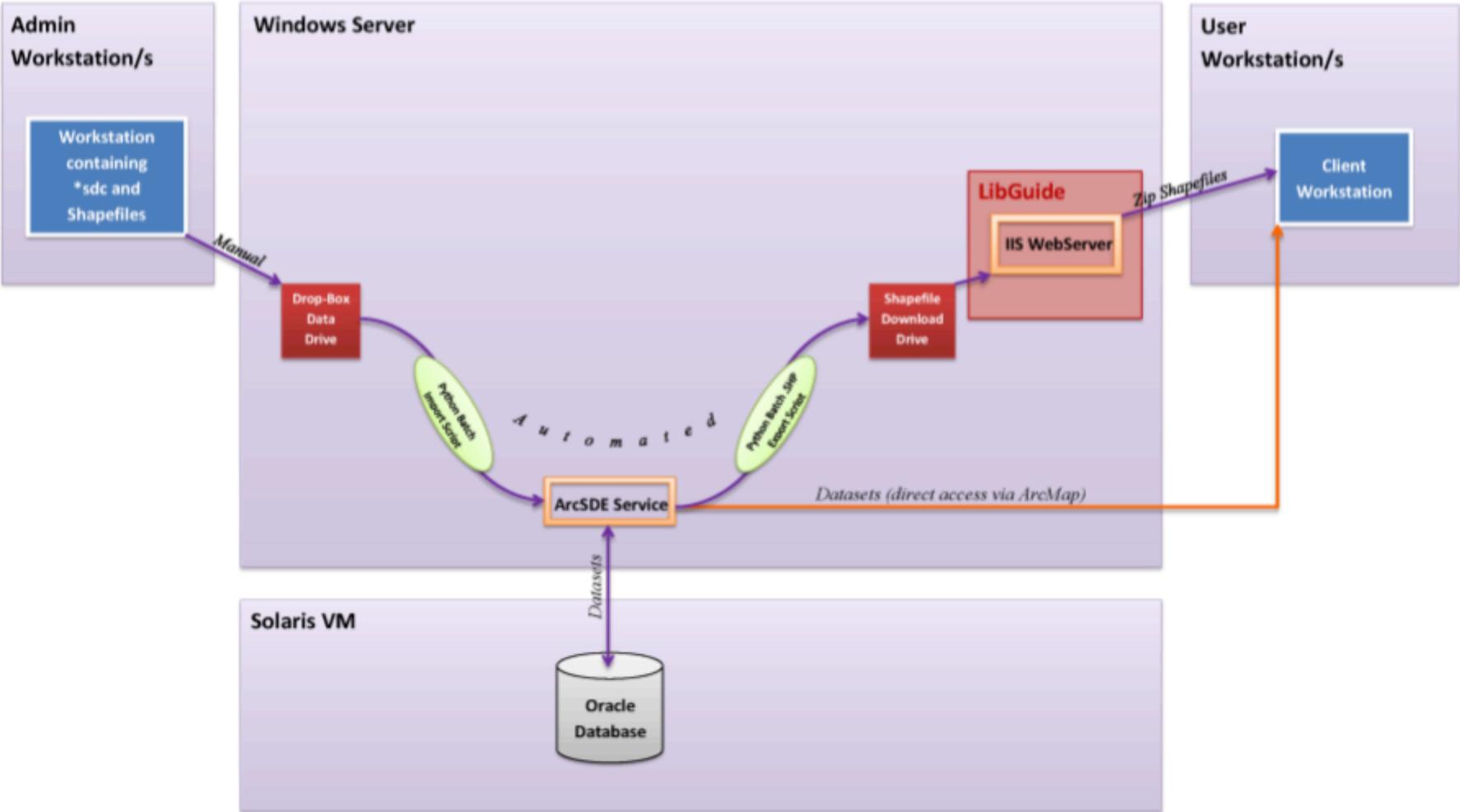
- Provides Infrastructure
 - Storage, Computing, Cluster, Server ..

Library:

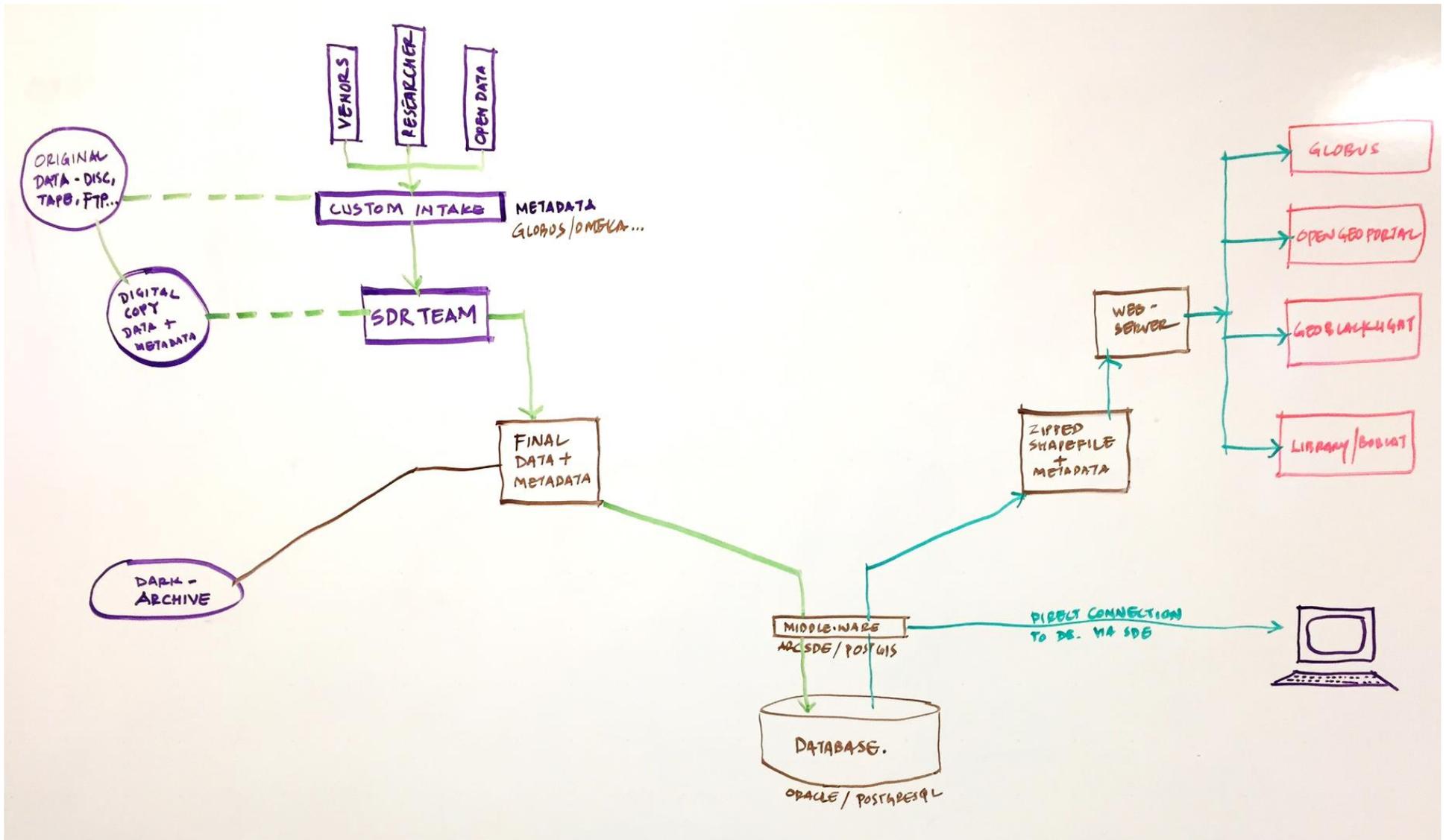
- Data Stewardship
 - Collection, Acquisition, Search & Discovery, Metadata, Preservation ..

Staff – technologists + librarians & subject specialists

Example: SDR



Example: SDR



CHALLENGES

- Increasing number and types of requests for computing (performance, stability and scalability)
- Volatile client base viz. active demand of services
- Diverse user needs: specialized resources, new data formats, new technologies and services.
- Vast fields of study and research

CHALLENGES

- Efficient search & discovery environment to self-serve patrons/clients
- Metadata creation for researcher-created data
- Long-term preservation - Data plans and Data retention policies.
- Robust Repositories with varying degrees of access
- Remote collaborations (resource sharing, data sharing & transfers)
- Data storage needs and Data citation needs.
- Various levels of support – type, quality, capacity, availability and content

THANK YOU

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