Summary of Scholars@TAMU Data for TAMIDS Data Science Competition

Scholars@TAMU (https://scholars.library.tamu.edu/vivo/) is a profile system that hosts searchable expertise for faculty and TAMU organizations. Scholars@TAMU gathers data from institution-level/enterprise systems, publicly available research data (e.g., grants and publications), and other authoritative sources. The data is compiled into a profile that faculty can edit to best represent their scholarship and expertise.

Characteristics of shared Scholars@TAMU data:

People (Unique number of records/people: 4,861; Total file size: 2.4MB):

- Scope: TAMU current faculty only
    - Overview
    - Educational Background & Degree
    - TAMU Affiliations
    - Subject Areas (Library of Congress Subject Heading)

Publications (Unique number of records/publications: 194,737; Total file size: 140MB)

- Scope: TAMU current faculty's publications only from 1950s-2021
    - Overview
    - Abstract
    - Authors' institutions
    - Subject areas (Web of Science's Research Category)
    - UN SDG (Auto-assigned 17 UN Sustainable Development Goals)

Grants/Awards (Unique number of records/grants: 4,087; Unique number of records/awards: 10,055; Total file size: 3.30MB)

- Scope: Grants and awards are not a complete dataset.
    - Grant Overview
    - Grant Abstract
    - Award Overview

Courses (Unique number of records/courses: 70.297; File size: 3.15MB)

- Overview

Organization (Total file size: 7.40MB)

- Local organization names
    - Unique number of organizations: 586
- External organizations
    - Unique number of organizations: 95,674