

# Resource Summary Report

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## University of Arkansas AIMRC Data Science Core Facility

RRID:SCR\_028681

Type: Tool

### Proper Citation

University of Arkansas AIMRC Data Science Core Facility (RRID:SCR\_028681)

### Resource Information

**URL:** <https://aimrc.uark.edu/data-science-core/>

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**Description:** Core specializes in artificial intelligence-based approaches to elucidate relationships between large imaging, bioenergetics, genomic, and proteomic data sets. Provided services include: 1) foundational training for those getting started with high-performance computing and Arkansas Research Platform (ARP), 2) training and support for the collaborative use of a 508 TB data storage server exclusively maintained for and catering to AIMRC researchers, 3) training for Python programming, basic data mining, and machine learning, 4) training and support for using open-source deep learning based biomedical imaging resources (e.g., ZeroCostDL4Mic and Bioimage Model Zoo), and 5) customized solutions for deep learning based and large foundational models based biomedical imaging analysis, multi-omics data integration and analysis, and quantitative analysis pipelines for large data sets.

**Synonyms:** , Arkansas Integrative Metabolic Center (AIMRC) Data Science Core

**Resource Type:** access service resource, service resource, core facility

**Keywords:** ABRF, Center of Biomedical Research Excellence (COBRE), data science services, large imaging, bioenergetics, genomic, proteomic, data sets,

**Funding:** NIGMS P20GM139768

**Resource Name:** University of Arkansas AIMRC Data Science Core Facility

**Resource ID:** SCR\_028681

**Alternate IDs:** ABRF\_6033

**Alternate URLs:** [https://coremarketplace.org/RRID:SCR\\_028681/?citation=1](https://coremarketplace.org/RRID:SCR_028681/?citation=1)

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## Ratings and Alerts

No rating or validation information has been found for University of Arkansas AIMRC Data Science Core Facility.

No alerts have been found for University of Arkansas AIMRC Data Science Core Facility.

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.