

# Take me out to Big Data: Analyzing professional baseball data online with SciServer

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## What is SciServer?

A system for researchers across multiple domains to host and share datasets, featuring query and analysis tools for collaborative research.

### History and Purpose

- Started with SDSS SkyServer
- Goal: quick interactive access to rich content
- Idea: bring the analysis to the data

#### How to Get Involved

- Use our toolkit(www.sciserver.org)
- Volunteer to be an Early
   Adopter by emailing
   sciserver-help@jhu.edu
- Find bugs in our alpha system
- Suggest new features
- Let us help share your data
- Introduce us to other teams with data to share

### System Features

- Science data hosting (files and databases)
- SQL query access
- Analysis with Jupyter notebooks
- Interactive and batch job submission

- Collaborate and share
- Resource accesscontrols
- Personal storage (files and database)
- API mode access
- Single sign-on





