

SPACECLUSTER



Mission statement: To
help data researchers
use data more
efficiently.



The problem

It is hard to find relevant data sets on data.nasa.gov.

Making logical connections between datasets is a challenge.

Categories

Aerospace

Applied Science

Apps

Earth Science

Management/Operatio...

Show All...

View Types

Calendars

Charts

Data Lens pages

Datasets

External Datasets

Files and Documents

Filtered Views

Forms

Maps

23689 Results

Sort by Most Relevant

Near-Earth Comets - Orbital Elements

Space Science

Dataset

The table below provides J2000 heliocentric ecliptic orbital elements for 170 NECs (Near-Earth Comets) sorted by object number/name... [More](#)

Updated
June 24, 2015
Views
12,292

Tags [platform](#), [data visualization](#), [model](#), [intermediate](#), [airburstvisual](#), and 2 more

[API Docs](#)

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External Link

Earth Science

This database was compiled by our staff to illustrate interesting Earth features and processes, including cities as seen by astronauts from space. This service is provided by the International Space Station program and... [More](#)

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January 12, 2016
Views
49

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Earth Science

The Earth Sciences Web Team staff chooses one spectacular image taken from space to write about in an informative article each week. This service is provided by the International Space Station program and the... [More](#)

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NASA Earth Observatory Images

Earth Science

External Link

The Earth Observatory is part of the EOS Project Science Office located at NASA Goddard Space Flight Center. The

Updated
January 20, 2016




The solution

Artificial Intelligence-powered search engine to help data researchers find relevant data.

It maintains data integrity between data sets using keywords frequency.

Provides interactive visualization of keywords and datasets.

An aerial view of a city skyline at dusk or dawn. The sky is a mix of dark blue, purple, and orange. The city is densely packed with skyscrapers, many of which are lit up with yellow and white lights. The water is visible in the background, reflecting the city lights.

The technology:
LDA model
(clustering) + D3.js
(visualization)