

BIODEVS PRESENTS

06/10/2024

DataSage

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s OSD-665.csv 33.3KB



Data Loaded:

	Source Name	Sample Name	Characteristics[Organism]	Term Source REF	Term Accessi
0	RR-23_F1	RR23_R-EDL_FLT_F1_techrep1	Mus musculus	NCBITAXON	http://purl.b
1	RR-23_F1	RR23_R-EDL_FLT_F1_techrep2	Mus musculus	NCBITAXON	http://purl.b
2	RR-23_F2	RR23_R-EDL_FLT_F2	Mus musculus	NCBITAXON	http://purl.b
3	RR-23_F3	RR23_R-EDL_FLT_F3	Mus musculus	NCBITAXON	http://purl.b
4	RR-23_F4	RR23_R-EDL_FLT_F4	Mus musculus	NCBITAXON	http://purl.b
5	RR-23_F5	RR23_R-EDL_FLT_F5	Mus musculus	NCBITAXON	http://purl.b

Who are we?
Challenges
Ideas
Vision for the future

03

Who are we?



Davi

Davi, a Systems Information student at UFU, specializes in data visualization, playing a key role in facilitating a clear understanding of the tasks required.



Rhuan

A Systems Information student at UFU, Rhuan is skilled in Python and Go, leading the team's technical development.



Otávio

A Biology student at UFU and data analyst at Bayer, Otávio brings his expertise in biological data analysis to the group.

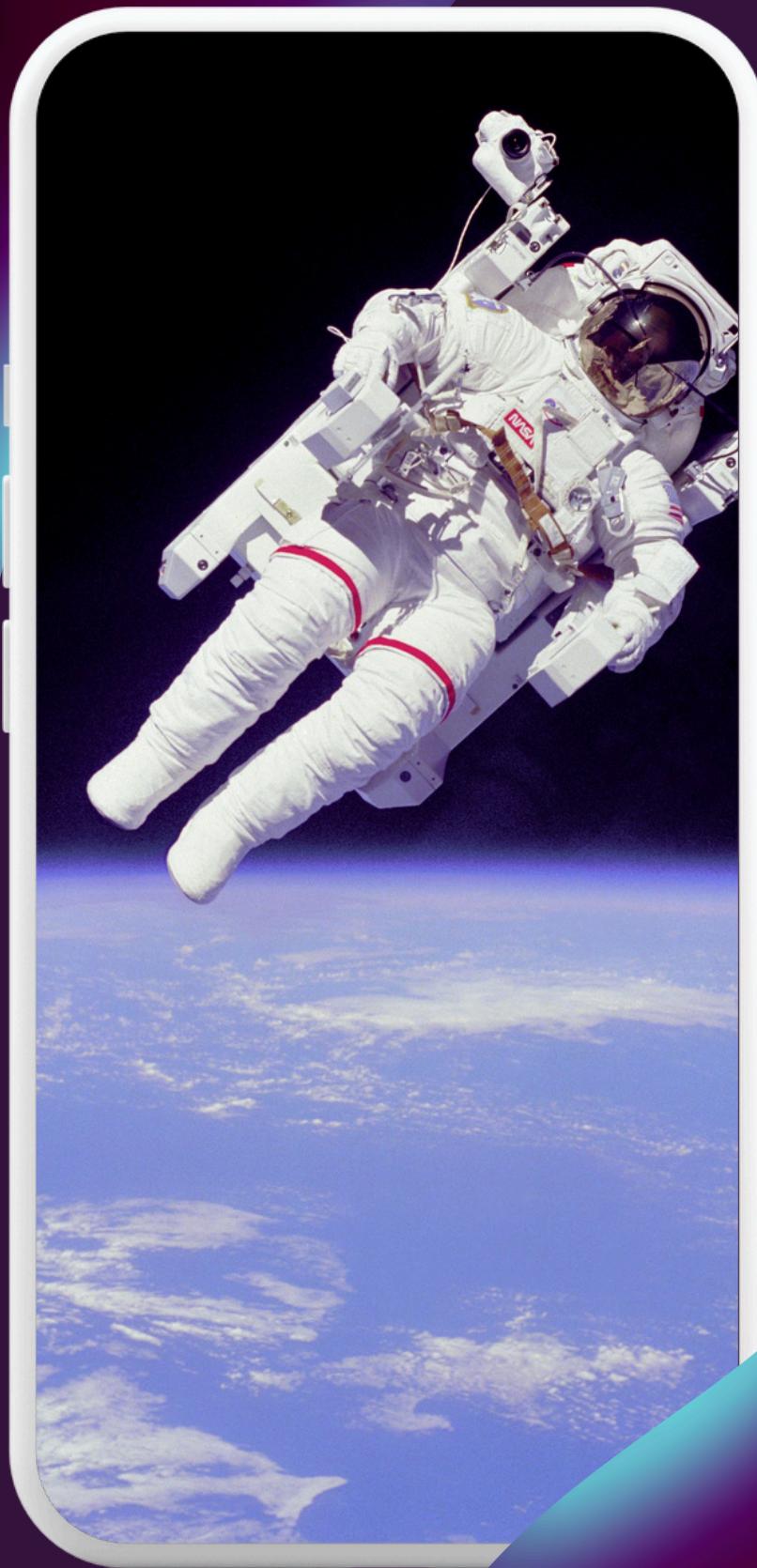
Challenge:

Our challenge is to develop a scalable tool that generates visually compelling representations of biological experiments conducted in space, specifically from Rodent Research Missions aboard the ISS.



Idea

Our project aims to create a scalable tool that generates informative visualizations of biological experiments conducted in space, such as the Rodent Research missions on the International Space Station. These visuals help scientists quickly grasp the data structure and advance their research.



06

Features

01

Scalable Data Processing

Our tool can handle large datasets from space experiments, ensuring smooth performance as data grows.

02

User-Friendly Interface

Designed with simplicity, allowing scientists to navigate and interpret data without a steep learning curve.

03

Customizable Visuals

Offers flexibility to adjust and refine visual outputs based on specific research needs.

TO INFINITY AND BEYOND!

DataSage has the potential to revolutionize how researchers analyze data, democratizing access to advanced analytics and helping to address global challenges such as climate change and sustainability. Imagine a world where every decision is based on solid insights, made quickly and efficiently.

