

# Project NumPy Inaugural Community Survey

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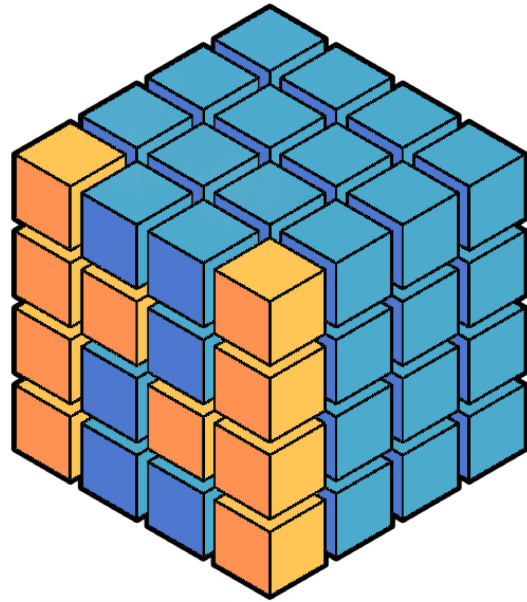


UMich Class of 2010, College of Engineering,  
Nuclear Engineering and Radiological Science

PhD in Nuclear Engineering, UC Berkeley

Scientific Software Developer (NumPy)  
BIDS, UC Berkeley

Believer in open-everything



NumPy is a library that adds efficient numerical and array computation to Python.

## INDUSTRY

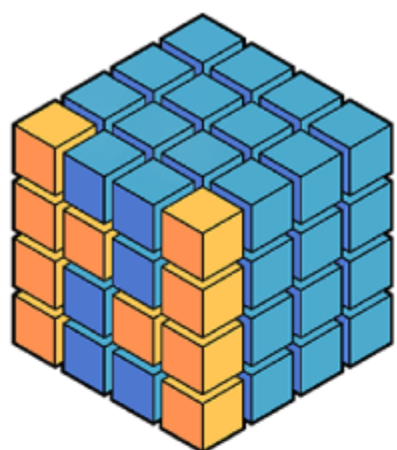
Google, Netflix, State Farm,  
Walmart, Amazon, Tesla

## RESEARCH

NASA, NIH, Mayo Clinic, BIDS,  
University of Michigan

## EDUCATION

most courses on Data Science or  
Machine Learning with Python



# NumPy



## 24

million  
downloads (Dec, 2019)



## 10-15

million  
users worldwide



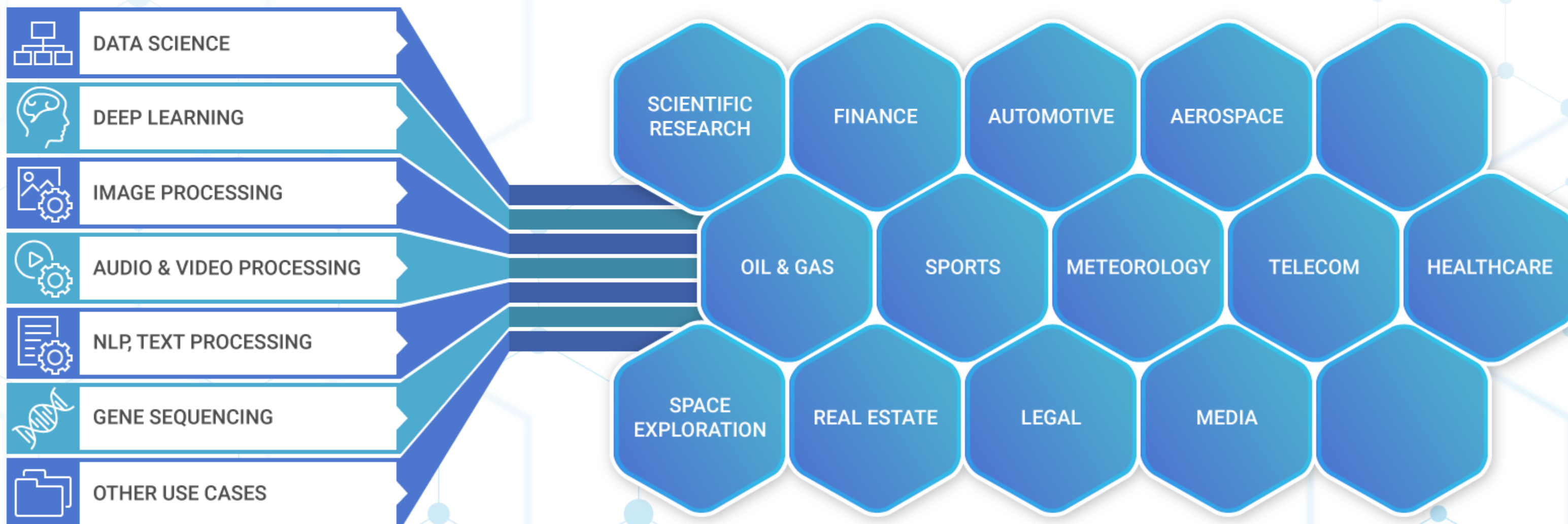
## \$1,4

million  
lifetime funding



## ~10

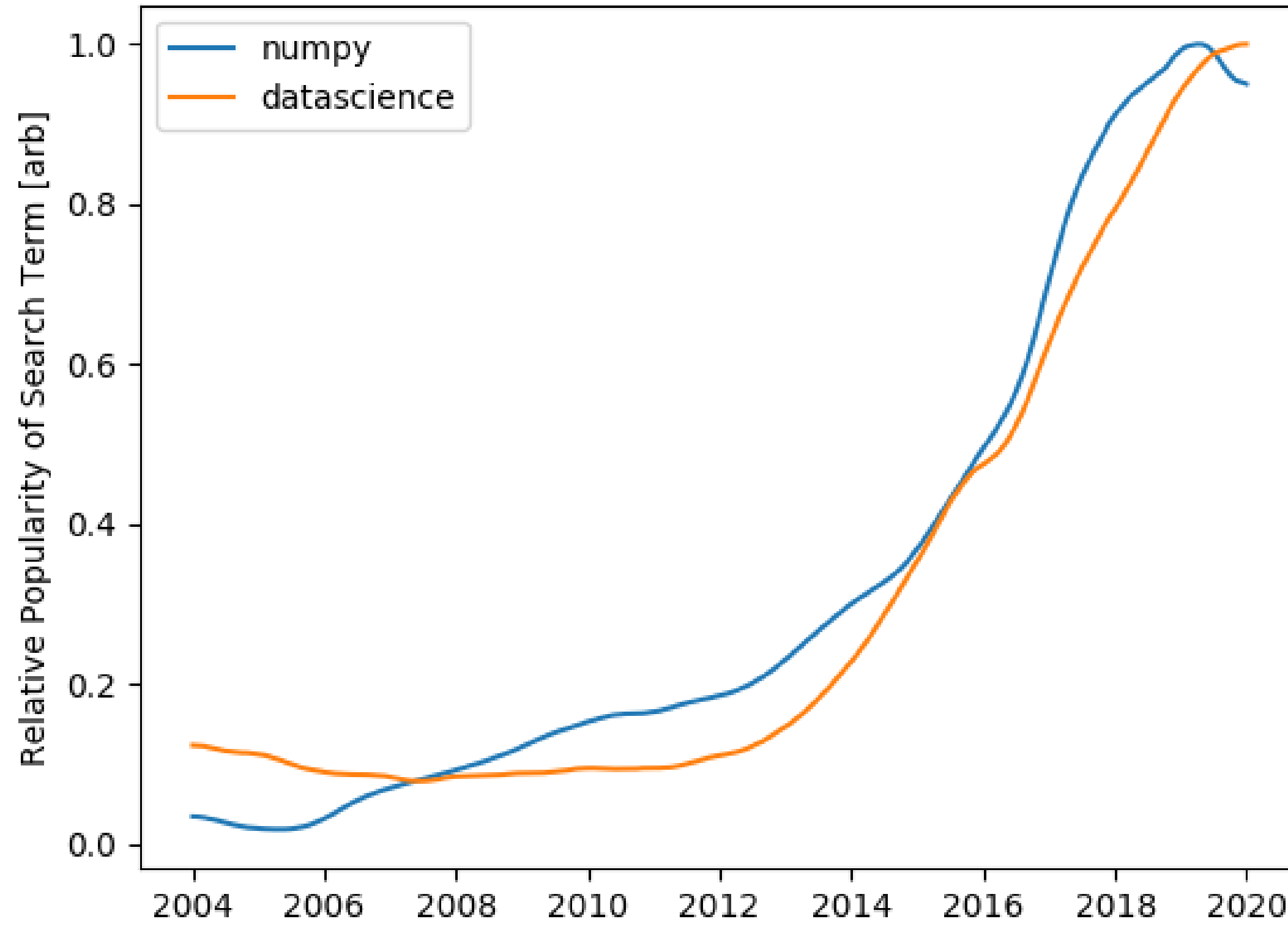
devs  
active maintainers

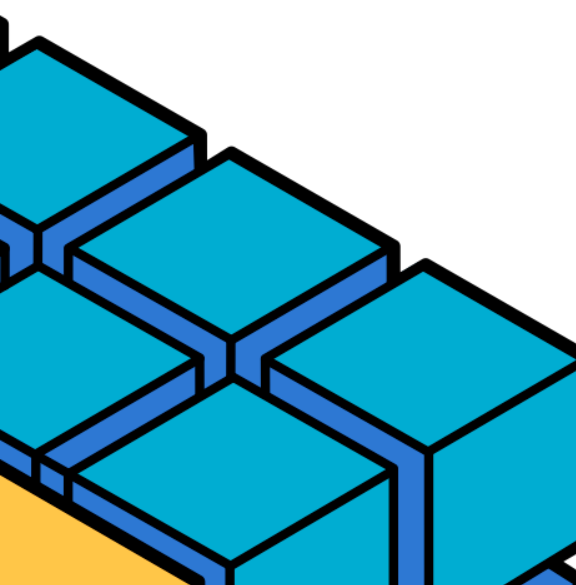
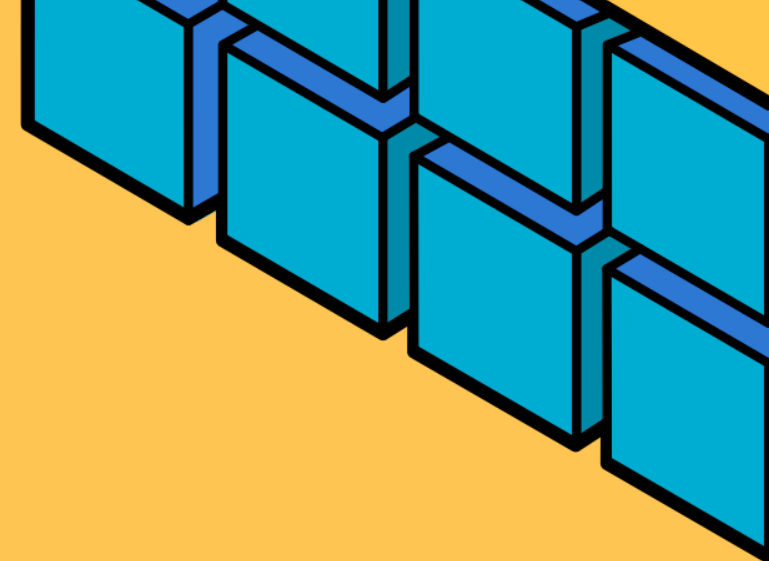


Sources: [anaconda.com](https://anaconda.com), [pypistats.org](https://pypistats.org)

Special thanks: Ralf Gommers, Inessa Pawson, Shaloo Shalini

Google Trends (US): 2004 - Present





Meaningful and structured dialogue with all stakeholders to make the best decisions about the development of NumPy as software and a community.

# Starting with **why**

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**With limited resources efficiency is a must.**





# Objectives

## LISTEN

Invite all stakeholders to share thoughts about NumPy as software and as a community project

## GAIN INSIGHTS

Understand their needs and expectations

## TAKE ACTION

Develop or refine policies, processes, and practices







TRANSPARENCY

CONFIDENTIALITY

SUSTAINED ACTION



# Guiding Principles

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# Topics & Questions

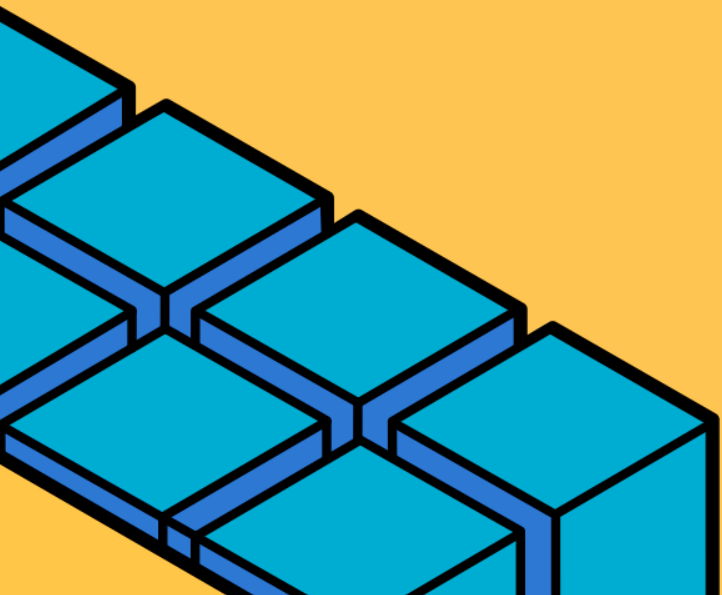
COMMUNITY DEMOGRAPHICS

CONTRIBUTION

MENTORSHIP

PROJECT PRIORITIES

FUTURE OF NUMPY



## MEET YOUR PROJECT COORDINATORS



**Ross Barnowski**



**Sebastian Berg**



**Ralf Gommers**



**Inessa Pawson**