

# Data Science and AI Special Interest Group

Kick-off Meeting



# This SIG will meet at SLAS2023:

Tuesday, February 28

9:00 a.m. - 10:00 a.m.

San Diego Convention Center, room 11B



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Welcome!

By: [Mary Geismann](#) , one month ago

Welcome to the new Data Science and AI Special interest Group! Reminder, SIG Science Circle discussion will be held in January, more info to come - and the in-person meeting of this SIG will be at SLAS2022 on February 22. Let me know if

Polls

Add poll

Start a conversation on SLAS CONNECTED!



# What advice would you give someone who is looking for a career in AI or data science?

Submit as many answers as you'd like!

First decide your area of application (e.g., business, scientific discipline)

pick a niche application that you are passionate about

Find an open source project to get involved in

Learn data visualization best practices

Learn the basics of scripting languages that are often used such as Python and R

Keep your objective in mind

Try free courses first

Go to SLAS meetings



# What advice would you give someone who is looking for a career in AI or data science?

if you're a student join research at college to get an idea of what it's like

It's very hard to find good courses, but I've tried 365 Data Science, Coursera, Udemy and r-bloggers.com.

decide if you want to apply datascience or develop new architectures

Learn good data management practices (data wrangling, etc.).

Don't be afraid to get into the field with little formal training in datascience

# What is your company/institution's greatest hurdle for incorporating AI or data science?

Little infrastructure for data migration

FAIR data

Everyone wants to jump to AI. Can't do this without data integrity and metadata

Metadata, tags, labels

Too many systems



# What are some of the biggest changes AI and data science could have on the scientific community?

Helping me to write all my publications through ChatGPT

As Novartis, Pfizer, and others have stated: "Pharmas are data factories" - this is a huge pivot from 2010

Education to help people cut through the noise and marketing to better understand what is practically possible

Encouraging students / younger professionals to understand data lineage, quality, integrity, metadata, and learning algos

Focus on deliverables: Short courses, slides, infographics, publications, advocacy

Putting the "ARRRRRR" in FAIR

Run better experiments

Making Bas & Paul our SIG Chairs ;)

Educate on how to design experiments with AI analysis in mind

# What are some of the biggest changes AI and data science could have on the scientific community?

Highlighting success stories like Anne Carpenter + Cell Painting @ SLAS