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DATA
SCIENCE
4ALL

W O M E N

FALL 2021

2021 EMPLOYER PARTNERS



2020 EMPLOYER PARTNERS



PROGRAM OVERVIEW

Data Science for All / Women is a unique fellowship program that helps women students and professionals develop into data-driven leaders of tomorrow. The program includes seven weeks of free world-class technical training, professional development workshops, and mentorship from senior industry leaders.

Data Science for All differs from higher education programs and bootcamps in a fundamental way: we optimize for equitable access to education. To improve equity of opportunity, and to increase women representation in leadership roles, we do not charge any fees or tuition payments from the Fellows in our programs.

Instead, the program is supported by employers who aim to improve diversity in data and analytics, and who seek actionable solutions to meet their diversity and leadership representation goals. Launched in May 2019, DS4A / Women has thus far graduated over 400 women Fellows.

The program is designed both for early-career practitioners (“Practitioners”) who aspire to transition from academia to industry, as well as for mid-career leaders (“Managers”) who aspire to confidently lead teams that use data and analytics.

Employers support DS4A Fellows with endowed scholarships, mentors and job opportunities. Employers can also send employees to participate as Fellows. Current and past employer sponsors include Point72, Jane Street, WorldQuant, Two Sigma, Citadel, Marshall Wace, EY, Lyft, Twitch, British Telecom, ZS, Magnetar Capital, Domino Data Lab, and US Bank.



MEET OUR MENTORS

Mentorship is a critical component of the Data Science for All initiative. For women aspiring to be data-driven leaders, mentors shine a light on the best path for navigating their careers by providing technical guidance on projects and professional advice during the program.

From the mentor's perspective, the pairing with mentees gives them an opportunity to share information about their company's culture and to build a personal relationship through a shared professional experience.



"The networking within DS4A is particularly nice, especially in making more female connections in the industry."

LEXY KASSAN
DIRECTOR OF STRATEGY,
CCG

"I am blown away by my DS4A Fellows and their accomplishments. They inspire me and remind me why I became a data scientist in the first place."

ELYSE KADOKURA
SR. DATA SCIENTIST
STARBUCKS



PAST MENTORS INCLUDE

ALEX WOOD-DOUGHTY
RESEARCH SCIENTIST, LYFT

ALICE CHEN
SAI/ML, DATA & ANALYTICS, SLALOM

ALICIA ZHOU
DATA ANALYST, MI DATA - ANA., POINT72

ALYA ABBOTT
HEAD OF TELEMATICS DATA SCIENCE, LYFT

AMY SHI-NASH
GLOBAL HEAD OF DATA SCIENCE, HSBC

ANA LOPEZ-NIHARRA
SR. MANAGER, DATA PRODUCTS, BT

ANNIE FLIPPO
DIR. OF DATA SCIENCE & INSIGHTS, INMARKET

ARSHI GOYAL
SR. DECISION SCI. ASSO., AXTRIA

ARUN KRISHNASWAMY
DIRECTOR OF DATA SCIENCE, WORKDAY

BEN AZVINE
GLOBAL HEAD OF SECURITY RESEARCH, BT

CLAUDIA PERLICH
SVP, DATA SCIENTIST, TWO SIGMA

CRISTINA POPA
VP, Q. RESEARCHER, TWO SIGMA

CHARLENE WU
LEAD BEHAVIORAL SCIENTIST, T.R.I

CHRISTY CHEN
DATA ANALYST, MI DATA - ANA., POINT72

CINDY WANG
ANALYTICS & PRODUCT OP. LEAD, LYFT

DANIEL USVYAT
DIRECTOR/FOUNDER, USQRD

LEXY KASSAN
DIRECTOR OF STRATEGY, CCG

MALLORIE HATCH
DIR., ANA. ENGAG. IN D.S., TRANSAMERICA

MARIA FERNANDA OSORIO
DATA & ANALYTICS SR. SPECIALIST, MSD

MARLA OSTROFF
DIR. OF CUSTOMER ANALYTICS, KABBAGE

MARTIN YAMANE
DATA SCIENTIST, LYFT

MEHRNAZ ABDOLLAHIAN
RESEARCH SCIENTIST, LYFT

MICHAEL TOLSTORUKOV
BIOINFO. & DATA SCIENCE, GROUP D-F C.I

MONICA RODRIGUEZ
ANA. CAPABILITIES MAN., BANCOLOMBIA

MORGAN KIDD
DATA SCIENTIST, LYFT

NEHAN CHATOOR
DATA SCIENTIST, COLLECTIVE HEALTH

NICOLE SHIMER
SR. INVEST. PARTNER, INSIGHT PARTNERS

NILOOFAR NAYEBI
SR. DATA SCIENTIST, AVANADE

PARTHA BOSE
HEAD OF DATA STRAT. & ACQ., CERVIST EARTH

REBECCA GLUSKIN
DEP. DIR. DATA SCI. S.S., RESEARCH COUNCIL

REESE MCGILLIE
SR. MAN., PEOPLE ANA., GATES FOUNDATION

RENATO UMETON
BIOINFO. & DATA SCI. GROUP D-F C.I

DARIA BUTUC
HEAD OF ENGINEERING, PROJECT ACCESS

DEAN GROSBARD
DATA SCIENTIST, LYFT

DETLEF NAUCK
HEAD OF AI & DS RESEARCH, BT

DIL RAHMAT
BUSINESS ANALYST, AMAZON

DIO-ANN VALMORES
DATA ANALYTICS MANAGER, TITLE NINE

ELAINE WAH
HEAD OF POLICY RESEARCH, IEX

ELISA OMODEI
DATA SCIENTIST, PREDICTIVE A. LEAD, W.F.P

EMILY DAVIDSON
PROG. DIR., DATA & AI SOLUTIONS, BT

GEETHA GOPAKUMAR
SR. DATA SCIENTIST, HALLIBURTON

JASON JOHNSON
SVP, CH. HEALTH INFO. OFF., GROUP D-F C.I

JEN WEI
SR. ML DEVELOPER, ALTA ML

JENNIFER ENGLE
DEP. DIR., U.S. PROG. DATA, GATES FOUND.

JULIAN DEAN MORAIS
SR. DIR. OF INNO. & D.A, ITERATE.AI

KASIA RACHUTA
SENIOR PRODUCT ANALYST, SQUARE

KELSEY EMNETT
SR. CONS. - DATA SCIENCE, AVANADE

LAUREN VALDIVIA
SR. MANA. DATA SCIENCE, SALESFORCE

REX MCARTHUR
DATA SCIENTIST, LYFT

RONNIE GHOSE
TECH LEAD/SENIOR SWE, LINKEDIN

SANGHAMITRA GOSWAMI
DIR. - DATA SCIENCE, ACTIVECAMPAIGN

SCOTT GELLER
DATA SCIENCE MANAGER, LYFT

SERGIO MASTROGIOVANNI
HEAD OF DATA & INNOVATION, NUBIRAL

SHABIH HASAN
VP AND HEAD OF DATA ANALYTICS, DELOS

SHRADDHA SHAH
SR. DATA ENG., MI DATA - PLATF., POINT72

STEFANIE BERNOSKY
DATA SCIENTIST, GATES FOUNDATION

TRIPTI SETHI
SR. DIR., GLOBAL DATA & AI, AVANADE

VIJAY NARASIMAN
DECISION SCIENTIST, LYFT

WEN-YING FENG
VICE PRESIDENT OF ANALYTICS, PLASTIQ

YAN WU
VP DATA SCIENCE & OPS., BONDTech

YANHUA DENG
SR. DATA SCIENTIST, MI DATA - ANA., POINT72

YAOGUANG JIA
DATA ANALYST, MI DATA - ANA., POINT 72

YAOI YANG
DATA SCIENTIST, INSTACART

MEET OUR FELLOWS

Fellows include both early-career practitioners who aspire to transition from academia to industry, as well as for mid-career leaders who aspire to confidently lead teams that use data and analytics.



"In any field, networking is important - DS4A helped me grow personally and professionally. It was a great opportunity to connect and learn from a group of amazing peers and mentors. The skills I gained and connections I made then helped me transition from academia into a data science role at Cisco. I am truly grateful for the opportunity to attend!"

KESSIE ZHANG, DATA SCIENTIST, CISCO

"The DS4A / Womens program provides a unique opportunity to work alongside other accomplished women on real-world data science opportunities. The training, mentorship, capstone projects, and most importantly the network, all provided a great foundation for my data science career and helped me secure a new job as a data scientist at Apple."

DARIA YUROVA DATA SCIENTIST, APPLE



"I am an MIT grad and Goldman Sachs alum with a background in private equity investing. While I was excited for DS4A, I could not have anticipated that the program would completely change my world view, the way I look at business value creation and inevitably my entire career trajectory. I am now working as an Operating Partner, helping portfolio companies create value through data science oriented digital transformation efforts."

BETH POLLACK OPERATING PARTNER, K MEANS CAPITAL

PREREQUISITES AND RELEVANT JOBS

PREREQUISITES

For Practitioners, there will be an entry assessment on core data science skills, such as **Python**, **Statistics**, and **Modeling**. Practitioners will complete technical cases that challenge them to apply their skills to real-world business use cases, to help them become effective practitioners within their organizations.

For Managers, there are no formal prerequisites, aside from a baseline familiarity with data and analytics tools. Managers will complete no-code cases and “AI for Executives” workshops, to help them become effective leaders of data-driven teams.

RELEVANT JOBS

As AI changes every industry, the jobs of tomorrow are becoming data-driven -- not just for your analytics org, but for all departments. Whether it is a role in sales, marketing, public policy, healthcare, operations, education, engineering, trading, or product management, data analytics skills provide a competitive advantage.

Common roles that DS4A Fellows excel at include:

PRACTITIONERS

- DATA SCIENTIST
- DATA ANALYST
- MANAGEMENT CONSULTANT
- PRODUCT MANAGER
- QUANTITATIVE RESEARCHER
- SALES OPERATIONS ANALYST
- BUSINESS INTELLIGENCE ANALYST
- MARKETING ANALYST

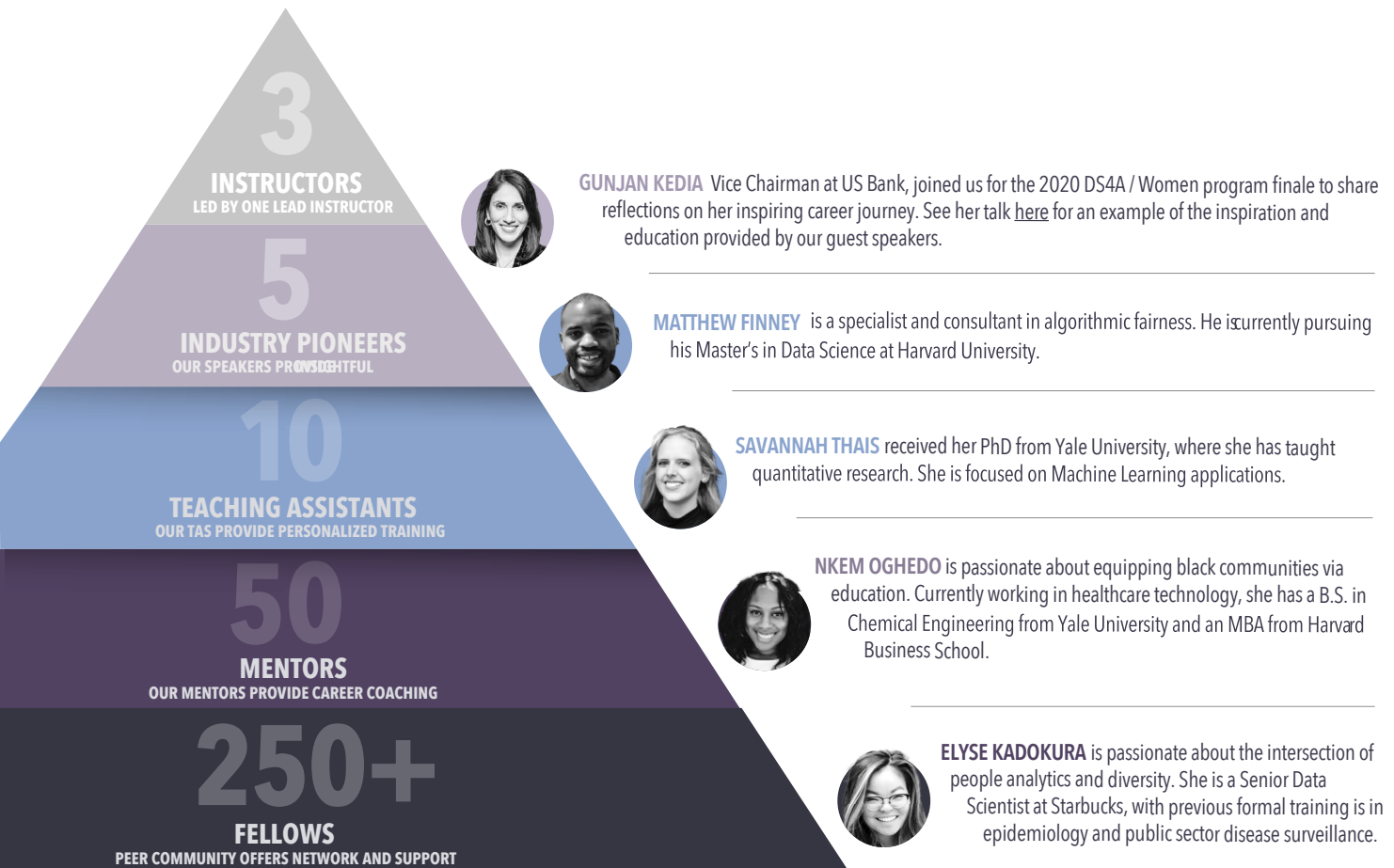
MANAGERS

- VP / DIRECTOR OF OPERATIONS
- VP / DIRECTOR OF FINANCE
- VP / DIRECTOR OF PRODUCT
- VP / DIRECTOR OF HUMAN RESOURCES
- VP / DIRECTOR OF MARKETING
- VP / DIRECTOR OF TALENT ACQUISITION
- VP / DIRECTOR OF DIVERSITY & INCLUSION
- VP / DIRECTOR OF BUSINESS DEVELOPMENT



OUR SUPPORT STRUCTURE FOR FELLOWS

Our support structure for Fellows includes not just world-class technical content, live Q&A, and collaborative learning tools. We also provide a community of peers, mentors, teachers, and industry leaders for maximum support and impact, as shown below:



"Mentoring, coaching and the ability to give back in some way has been tremendously rewarding. It is satisfying to see the positive difference that sharing my own experiences, providing some structure and giving access to my network can make in someone's life."

- TRIPTI, SENIOR DIRECTOR, AVANADE

"I share the advice that I received, the best of which was find your niche. It gives you an opportunity to set yourself apart by becoming the go-to person."

MARSETA, DEPUTY CHIEF DATA OFFICER, FAA





THE PROGRAM WORKS FROM START-TO-FINISH AS BELOW:

1

SELECTION OF DS4A FELLOWS

There are two paths for individuals to become DS4A Fellows. The first is to be sponsored by their employers. Employers sponsor junior analysts and mid-career leaders to participate in the program, where they can develop their data skills and drive meaningful capstone projects (more below).

The second opportunity for individuals to become DS4A Fellows is to earn an endowed scholarship. Both early-career and mid-career professionals can apply to participate for free and connect with employers for job opportunities.

Past DS4A / Women programs have received 2,000+ applicants, and Correlation One has selected 100-200 for merit-based scholarship. Sponsors will have an opportunity to recruit these Fellows during the program.

2

PRACTICAL DATA & ANALYTICS TRAINING

Training includes four weeks of live online lectures, all built on real-world cases and delivered in usable Jupyter notebooks. The training includes no-code cases for mid-career leaders, and technical cases for early-career practitioners.

The lectures are led by top professors at universities like Harvard, Columbia, and MIT. Fellows will also be given self-study work following the sessions, and will have opportunities to receive 1-1 coaching throughout the program with Correlation One's professors and teaching assistants.

3

CAPSTONE PROJECTS

Correlation One will also embed actual data and analytics projects from sponsoring organizations into the program as capstone projects. Using our data science consulting expertise, we help Sponsors scope business opportunities as tangible data and analytics challenges.

Fellows, working in teams, apply their learnings from the course to solve these challenges. Teams include a mixture of mid-career leaders and early-career practitioners who have a complimentary mix of data analysis and business experience.

4

PROFESSIONAL MENTORS

Fellows will be paired with mentors from sponsoring organizations. Mentors will help Fellows learn how to be effective in organizations and in their careers, and provide guidance on the Fellows' capstone project presentations.

Mentors can be men or women. Especially for male mentors, the pairing with female mentees can help bridge gaps and improve connectivity at the firm, as well as help create a culture which supports diversity and inclusion initiatives.

2021 PROGRAM SCHEDULE

● PRACTICAL TRAINING SEPTEMBER 18 - OCTOBER 9

Fellows attend four weeks (Saturdays only) of case-based instruction. Lectures include no-code cases for mid-career leaders, along with technical labs for early-career practitioners. The goal for each is to better understand applications of analytics and AI in business, so that they can become data-driven leaders within their organizations.

CAPSTONE PROJECTS SEPTEMBER 19 - OCTOBER 26

Fellows work in project teams to apply their data and analytics skills to a real-world business or social problem. Teams will comprise a mixture of mid-career leaders and early-career practitioners who have a complimentary mix of data analysis and business experience. Each team is supported by a professional data science mentor who advises on project direction and provides 1-1 career guidance for each Fellow.

● CAREER FAIR OCTOBER 18 - 22

Throughout the program, DS4A Fellows will have opportunities to connect directly with Employer Partners for recruiting opportunities. The program will also include a week-long career fair consisting of virtual info sessions and exclusive job listings.

VIRTUAL FINALE OCTOBER 28 - 29

The program concludes with a virtual finale, during which each team has an opportunity to present their capstone project to their peers, mentors, and sponsors. The virtual finale will also include keynotes and panel conversations with senior leaders from sponsoring organizations, and the presentation of class awards.

SEPTEMBER 2021

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OCTOBER 2021

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