uofnext
DEVELOP BEYOND UNDERSTANDING

DATA LITERACY
is a 21st Century Life Skill

**It ain't what you don't know that gets you in trouble.
It's what you know for sure that just ain't so.**

~ Mark Twain

THE URGENT NEED

To get where we want to go, we need to be able to clearly see where we are and where we've been. But in a world with rapidly increasing and ever-more complex data available to us, making effective decisions about the future can feel like an impossible task. From life decisions like where to live and what car to buy, to the kinds of complex decisions that are required in every profession, the reality for us now – and in the future – is that **to be data illiterate is to be unable to fully participate in the digital age**.

FOUNDATIONAL DATA LITERACY IN 3 WEEKS

DSciD: Foundations is our entry-level program on how the tools and mindsets of data science can be used by anyone to make more effective decisions.

By the end of this program, you will have learned how to: clearly express a question for research, collect and analyze data, interpret the results and make a decision, and present your findings in a compelling way.

DSciD: Foundations is ideal for...

SARAH
\ HIGH SCHOOL JUNIOR

Interested in getting a better understanding of Data Science and Practice before making college decisions. Also would love to be able to use data to make better fantasy football picks!

MATT
\ UNDERGRADUATE SOPHOMORE

Is a Psychology major who understands the value of data literacy, but his university only offers data classes that have a heavy emphasis on computer science and engineering.

The DSciD: Foundations program requires **NO** previous familiarity with data science, technology, or advanced mathematics.

Visit uofnext.eventbrite.com for dates and registration

OUR COMMITMENT

Through the DSciD Academy programs, U of Next is committed to:

1. creating data literacy among citizens, students, and organizations in Connecticut
2. developing deep mastery in Data Practice for business, government, and education professionals
3. facilitating a values-based approach to the use and interpretation of Data

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DSciD: Foundations
Data Literacy for the Digital Era

No man was ever wise by chance

~ Seneca

PROGRAM DETAILS

Part 1: Why Data?

A primer on the world of Data and the implications for society and careers.

- How and why the data explosion happened
- "Data Lies Everywhere" – exploration of some ideas in our society that we assume are true based on "the data" but are actually the product of data illiteracy
- Data and careers – how jobs in every profession are/will require data literacy
- Data Practice 101 – an overview of the basics of data literacy

1 day, $99

Part 2: Fundamentals

Learn-by-doing workshop on foundational data curation, analysis, and interpretation skills and mindsets.

3 days, $299

Topics covered:
- Developing a hypothesis
- Importing data
- Data exploration, cleaning, & modeling
- Interpreting data models for evidence

Requirements:
- Completion of Part 1 or demonstration of similar exposure
- Laptop or tablet with Microsoft Excel

Part 3: Telling a Story

Learn-by-doing workshop on foundations of data visualization and creating & delivering impactful, fact-based stories

2 days, $199

Topics covered:
- Storytelling using data and data visualization
- Critical thinking / problem-solving
- Graphing and visualization in Excel
- Presentation building in PowerPoint

Requirements:
- Completion of Part 2 OR demonstration of similar exposure
- Laptop or tablet with Microsoft Excel

All 3 Parts: 6 days, $499

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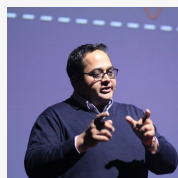# DSciD FACULTY

ALEC CALVO
\ SENIOR FACULTY, U OF NEXT

Social scientist, researcher, and consultant. Alec is committed to using psychological principles alongside advanced research methods to make a better working world and teaching others to do the same.

A.M. BHATT
\ FOUNDER, U OF NEXT

Futurist and advisor to senior executives for the past 25 years, A.M. is committed to a developing a humanity-centered approach to creating economic and social progress in the Digital Era.