### Fundamental coursework for 5 majors

	Math	Statistics	Computation
Statistics, Computer Science	Calc I, II, & III, Linear Algebra	Calc and Linear Algebra Based	R and Python
Computer Science	Calc I & Calc II or Linear Algebra		Python or Java
Information Science	Calc I	College algebra based	R and Python
Systems & Industrial Engineering	Calc I, II, & III, Differential Equations	Calc based	C or Python
Manage- ment Information	College Algebra	College algebra based	Java

#### **Contact info**

https://dataacademy.arizona.edu/ Email us at dataacademy@arizona.edu (520)621-1786





# Choose your own adventure in **Data Science**

#### Statistics and Data Science

- Explores the science of learning from data
  - Collection, analysis, and interpretation of data
- Effective communication of results

#### **Computer Science**

- Problem solvers who use computers and computational processes
  - Build the cyber infrastructure
    - Improve the cloud

I don't know if

l'm

interested

- Machine learning, AI, and more

I am interested in math

- Systems and Industrial Engineering
   System integration, optimization
  - Quality and reliability of technology
    - Supply chain management
    - Manufacturing and more

I AM
INTERESTED
IN STUDYING
DATA
SCIENCE

I am interested in computing

Exploration is the beginning of learning! Don't limit yourself.

Give Data Science a shot. You never know where your talents lie until you try.

I am interested in connecting with people

## **Management Information Systems**

- Prepare to solve problems at the intersection of business and technology
- Information processing to manage computerized information systems
- To meet the needs of business organizations

#### School of Information

- Studies the intersection of data and society
  - Specialists in information management
    - Data analysis and communication
      - Data mining
- Social media marketing and much more