

# WOMEN IN BIG DATA

Inspire, Connect, Grow

## THINKING ABOUT A CAREER IN BIG DATA?

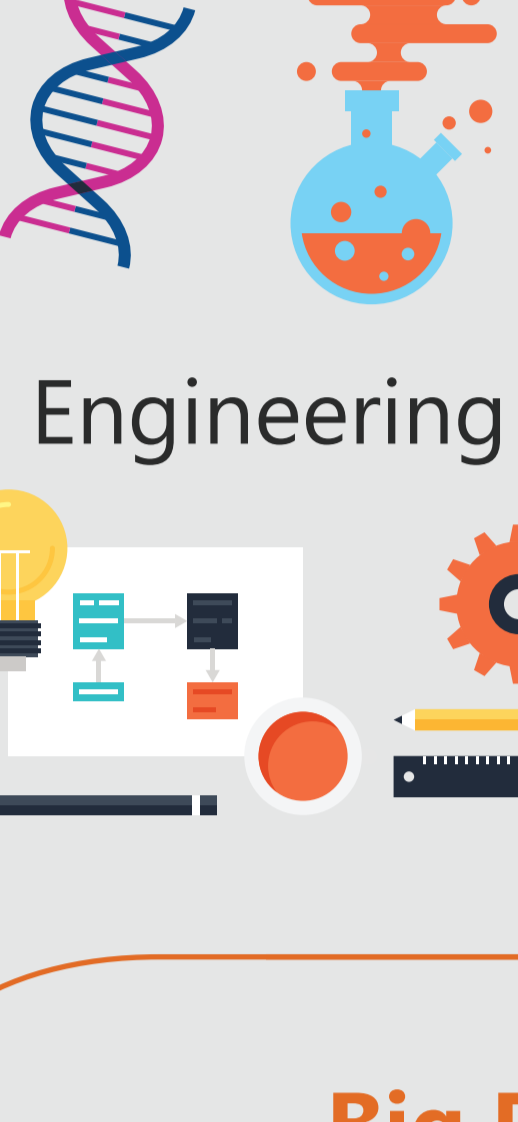
**Required:**  
A passionate interest in the world around you.



## MASTER THE TOOLS TO NAVIGATE YOUR PATH

It's never too early (or too late) to take STEM courses:

**Tools and Technologies\***



- BigML
- Cloudera Enterprise
- Hadoop
- MongoDB
- NoSQL
- OpenRefine
- Python
- Qubole
- SAS
- Spark
- SPSS Modeler
- Tableau
- Talend

**Big Data and STEM play an increasingly important role in all of these (and lots more).**

### Computer Science and Programming

- AI
- Machine Learning
- Data Theory

### Business and Marketing

- Data Analytics and Statistics
- Planning and Marketing Intelligence

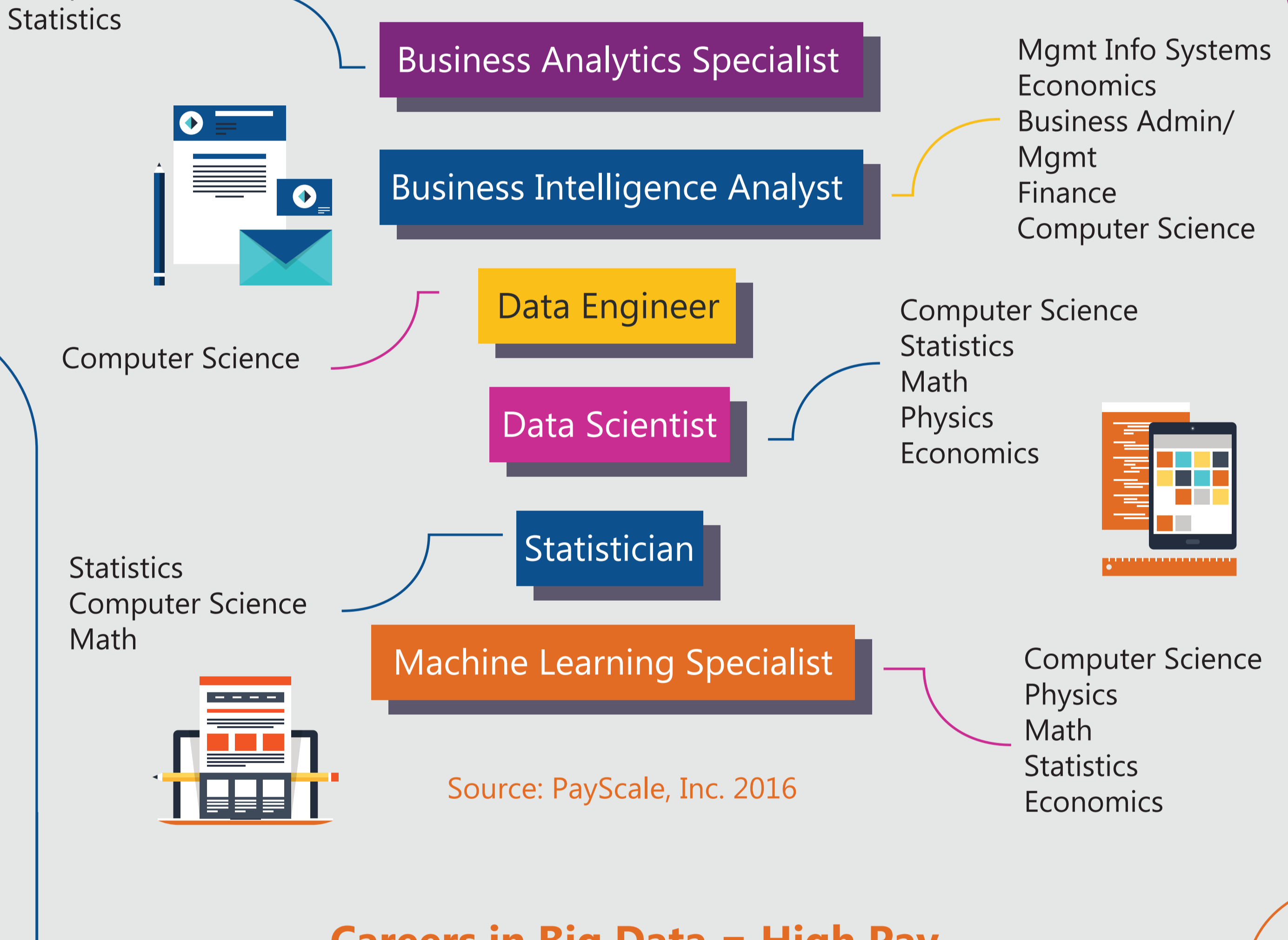
### Finance

- Banking
- Investment

### World Health and Humanitarian Assistance

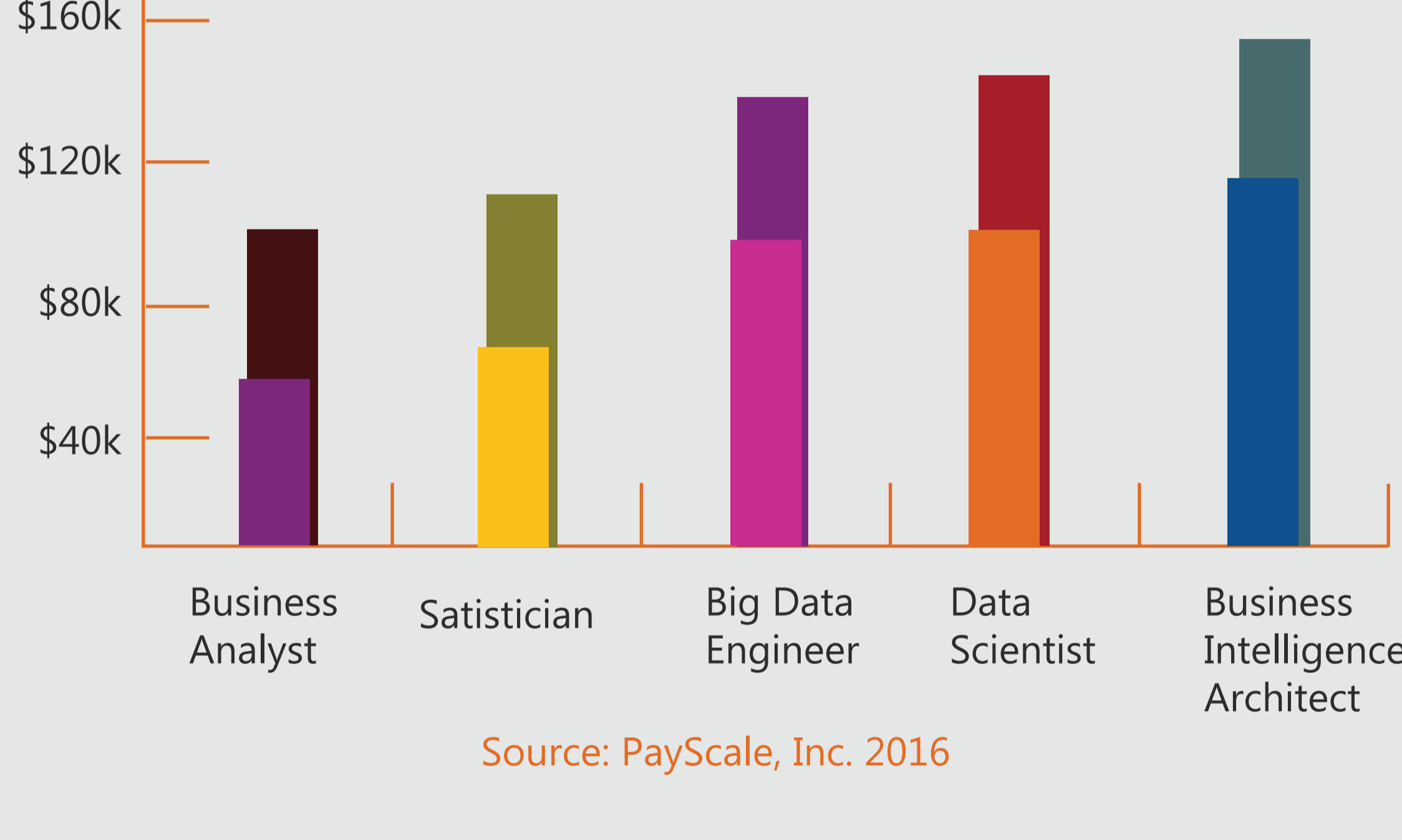
## CAREER PATHS BY COLLEGE MAJOR

The most common majors are computer science, economics, and mathematics.



Careers in Big Data = High Pay

Career Paths [50-90 percentile salaries]



Source: PayScale, Inc. 2016

## "Top 50 Best Value Big Data Graduate Programs of 2016"

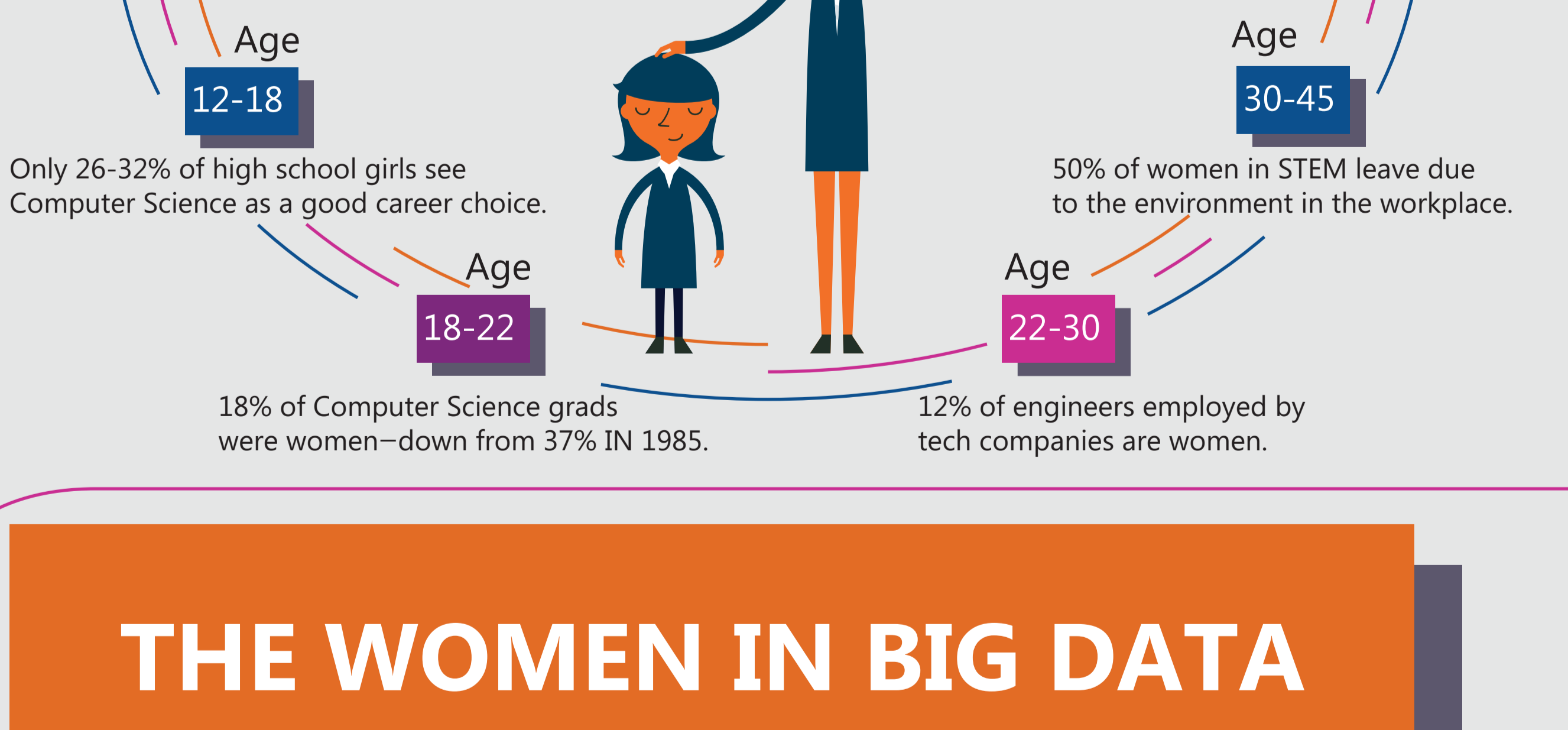
1. Carnegie Mellon
2. Stanford
3. Santa Clara University
4. University of Michigan-Dearborn
5. University of Texas at Dallas
6. University of Virginia
7. Purdue University
8. Purdue University
9. University of Maryland
10. Georgia Institute of Technology



## GENDER DISPARITY AND RELATED CHALLENGES

**Obstacles for Women in STEM (and subsequently, Women in Big Data)**

Exploring root causes that lead to current disparities



## THE WOMEN IN BIG DATA FORUM IS HERE TO HELP

Be part of the solution: Join the Women in Big Data Forum

### Women in Big Data Forum Mission

The goal of the Women in Big Data Forum is to strengthen the diversity in the big data field. As part of this initiative, we aim to encourage and attract more female talent to the big data & analytics field and help them connect, engage and grow.

### Member Benefits

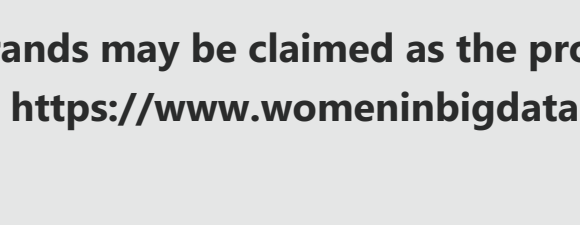
- ✓ Network with your colleagues in the Big Data field.
- ✓ Keep up with the latest industry trends from engaging speakers.
- ✓ Learn from experts through sponsored classes.
- ✓ Become or secure a mentor.
- ✓ Share your voice with the community.

## WOMEN IN BIG DATA



Join us today at [www.womeninbigdata.org](http://www.womeninbigdata.org)

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