

3 Reasons To Work In Data Science

1. Big Data is growing

Companies are collecting trillions of bytes of data on their customers, suppliers, and operations.

Strategic use of Big Data will be a critical factor in determining a company's competitiveness and growth versus other firms.



Projected growth in data generated per year

Versus



Growth in IT spending

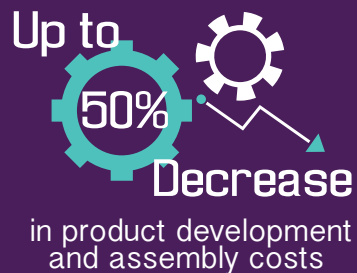
2. Data creates Value

Big Data can generate significant financial value across sectors

U.S. Health Care:



Manufacturing:



U.S. Retail:



3. Employers have a HUGE DEMAND for Data Scientists/Statisticians

U.S. faces a shortage of 140,000-190,000 deep analytical talent positions and 1.5 million more data-savvy managers needed to take full advantage of big data.



The demand for deep analytical talent in the United States could be 50-60% greater than its projected supply by 2018



"I keep saying the sexy job in the next ten years will be statisticians."

-Hal Varian, Chief Economist at Google



"I think data scientist is a sexed-up term for a statistician."

-Nate Silver, statistician and Editor-in-Chief at ESPN's FiveThirtyEight blog

