Data Analytics B.S.

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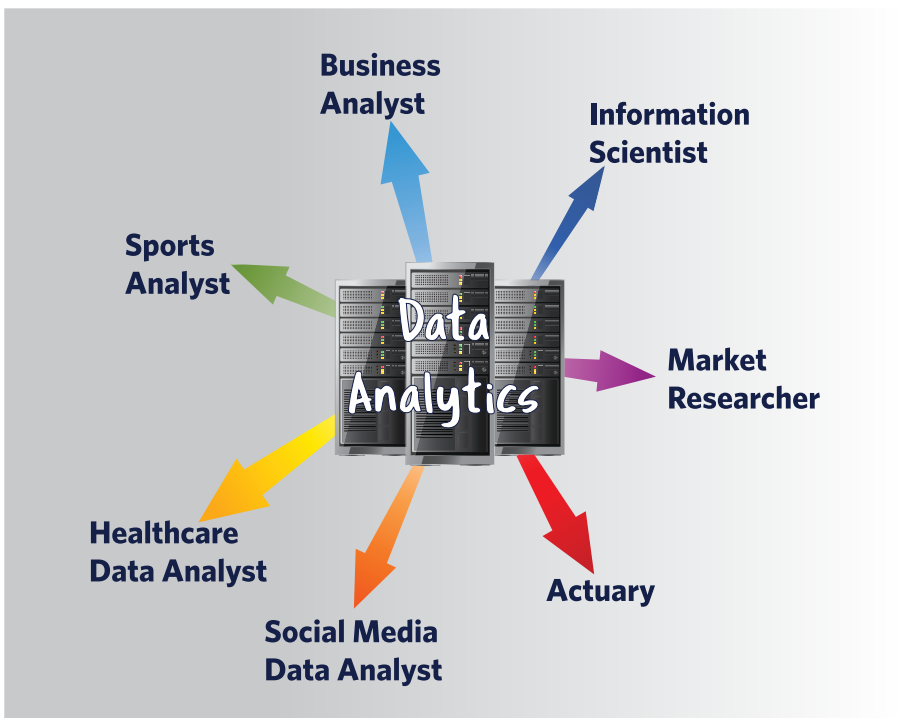

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The solution to real-world problems lies at the intersection of statistics and computer science.

What do biology, business and baseball have in common? These fields all rely on data analytics to solve complex problems, improve performance, do more with less and do a host of other things all designed to make our lives and our futures better.

Thiel's new Bachelor of Science in Data Analytics is specifically designed to provide you with all the skills you'll need to be ready for what the Harvard Business Review called "the sexiest job of the 21st century." But what makes this program special is that while you are gaining the statistical, computational and analytic skills needed for a career in data analytics, you'll also receive the rigorous liberal arts education that enhances the creativity and critical thinking skills essential for success in this burgeoning field.

The data that drives our information age are only a pile of 1s and 0s until they are analyzed.

Every minute of every day information is being stored up on servers the world round. It's information that can help to cure disease, improve products and services, make work efficient and more. But all this information is just 1s and 0s without the analytics that provide insights.

An estimated 2.7 million postings for Data Analytics and Science jobs are predicted in the United States by 2020*, and the January 2019 report from Indeed.com showed a 29% increase in demand for data scientists year over year. Data analysts work in a variety of private and public sector organizations and do jobs similar to actuaries, who work in the insurance industy. According to the U.S. Bureau of Labor Statistics, Ohio, New York and Pennsylvania are among the top states in the country for actuaries and data research analysts, with the greater Columbus, Cleveland, Erie and Pittsburgh metropolitan regions specifically being top employers.

Thiel graduates in Data Analytics will be prepared for careers as:

- **Data Scientist** – Earn a median salary of **$100,000** helping organizations manage, store and analyze their data to extract its meaning and turn it into a valuable asset**.
- **Business Intelligence Analyst** – Earn between **$70,000** and **$90,000** combing data to identify new opportunities for companies and articulating the business meaning of data results**.
- **Data Engineer** - Earn an average salary of **$80,000** designing and building the programs that create large data sets for analysis**.
- **Database Developer** – Earn an average salary of **$90,000** creating new applications for databases, improving them and modifying legacy systems to handle data**.
- **Data Analytics Manager** – Earn a median salary of **$107,198** making sense of data and communicating to the rest of the team how organizations should respond to the insights the data provides***

As a Data Analytics major at Thiel college, you will:

- Demonstrate proficiency in standard mathematical and statistical methods relevant to data science.
- Be able to use computational and statistical methods to discover patterns within large data sets.
- Be able to use programming and databases to obtain and process data.
- Be able to communicate information effectively through data visualization
- Thanks to our 11:1 student teacher ratio, students will work closely with faculty who are experts in their field

99%
of Thiel students receive tuition assistance.

You can afford to attend Thiel College. Since 2009, we have awarded $100 million in scholarships. Contact an admissions counselor to learn about scholarship opportunities by emailing **admissions@thiel.edu** or visit **www.thiel.edu/admissions**.

*forbes.com
**forbes.com/sites/bernardmarr/2018/05/09/the—top-data-jobs-in-2018
***indeed.com/salaries/analytics-manager-salaries

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