

The background is a deep purple gradient. It is filled with a pattern of white and light blue binary code (0s and 1s) that appears to be receding into the distance, creating a sense of depth. A bright, multi-colored rainbow light streak enters from the left side, casting a glow across the middle of the image.

MASTER YOUR CAREER
Master Data

TRUMAN
STATE UNIVERSITY

Are you prepared to take advantage of new career opportunities in one of the world's fastest growing fields?

You've heard terms like "big data," "informatics," and "analytics" – new buzzwords in business, healthcare and education. And many companies are searching for talented professionals like you who can bring these skills to the workplace.

Maybe your own employer is looking for existing talent to add new skills to their resumes.

The field of data science will be one of the fastest growing, best paid job opportunities in the coming years – with demand for new employees far outpacing the supply of new graduates. A recent report placed the median salary for practitioners of data science at an impressive \$89,000.¹

If you think a career employing the techniques of data science is appealing, Truman State University's Graduate Certificate in Data Science offers:

- ***It's convenient***

- Courses are taught online and can be accessed at your convenience. They're designed for working adults.

- ***It's affordable***

- Truman's tuition rates are among the most competitive in the Midwest and the University has received national praise for its value.

- ***It's competency-***

- based*** – You can complete coursework at a pace that's convenient for you and keep working until you've mastered the content.



¹ <http://www.itcareerfinder.com/it-careers/big-data-scientist.html>

Curriculum

You are five courses away from having a certificate in data science. Our online, competency-based curriculum includes four required courses plus one elective course that focuses on applied study in the field.

Required courses include:

- Introduction to Data Science
- Data Visualization
- Data Mining and Machine Learning
- Big Data Analytics

Owing to demand in healthcare, Healthcare Analytics will be the program's first elective offering, with more applied offerings in other fields to follow!

Competency-Based Learning

What good is taking a class if you can't prove to your employer what you know?

Competency-based learning is more than completing tasks, earning points, and getting a grade. When you finish a course in this program



you will be marked either as having “Competency” (the equivalent of a B) or having “Mastery” (the equivalent of an A). There are no other grades in the course. You complete the main assessments of a course when you are ready and, if needed, you retake assessments until you can demonstrate you are competent in the content. When you complete the course, you will be able to show your current or future

employer – with certainty – that you know what you need to know to do the job.

Moreover, if you already know some of the principles taught in these courses, you can be assessed that much faster and move on to the topics that need more of your attention.

Why a Certificate?

Many jobs require specialized coursework or training, but not every job requires the cost and time of an advanced degree. Graduate certificates – particularly competency-based and online certificates – are perfectly designed for the working adult who already has a college or graduate degree but needs just a few specific courses to take on a new role in the workplace – or get better at the role they already have.

Enroll Today

To learn more about this exciting program, get answers to commonly-asked questions, and apply for admission, visit go.truman.edu/data.

Courses start in August 2015.

Contact – To speak to a representative, contact us today.

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