Office of Institutional Effectiveness

Trenholm State COMMUNITY COLLEGE

Friday FACTOID

Data Scientists

Bridging the Gap Between Data and Decisions

According to LinkedIn, the hottest new job right now is Data Scientists who can earn up to $300,000 annually. Data Scientists are a new breed of analytical data experts who are part mathematician and part computer scientists. In the article, *Working with Big Data*, data scientists work with big data, "which is a collection of large datasets that cannot be analyzed with normal statistical methods." Employees in this field use computer programs or algorithms to detect patterns or to find usable information out of big data that will benefit their employer.

Big data influences our lives on every level, whether it is a data scientist studying airline data to help consumers save money based on the route they fly or tracking you on social media platforms to generate consumer ads geared toward your previous spending to encourage you to make a future purchase. Big data is used to cross check student assignments in order to make sure that the student submitting the work is the author of that work. These are just a few examples of how big data is used.

Someone interested in a career as a Data Scientist could begin it at Trenholm State Community College by taking courses in math and computer programming. Math courses will help students develop logical thinking and problem solving skills, while computer-programming courses will enable students to be able to develop software and enhance critical thinking, logic and problem-solving skills.

We invite you to visit this website **Working with Big Data** to read the entire article.

Do you have an idea for a Friday Factoid? Hit reply and send me a message.

Click here to access the Institutional Effectiveness Webpage

334.420.4243