

Gabrielle Yeager

Mrs. Silva

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Data Scientists: Transforming the Face of Professions

In 2020, I came across the opportunity to become an officer of Clovis North's Coding Club. As a result, I was introduced to a lot of programming and technology that I had no exposure to before and that type of content completely left me astonished. The president took a liking to my bewildered amazement and began sending me each and every opportunity he could find for me to gain more experience in the coding world. One of these opportunities happened to be a free year-long "Introduction to Machine Learning and Artificial Intelligence" course held by the Coding School. I decided to try my luck at applying; however, I was not sure if I would be accepted or even have the time to succeed in the course given how busy I knew my senior year could get. Fortunately, I was quickly accepted and attended online orientation with the rest of my Zoom class a month later. The first few classes replicated the feelings a younger version of myself experienced in the Coding Club. During one of the lectures led by Jason Friedman, a Harvard computer science graduate, I learned about an occupation I had never heard of: a data scientist. When information about this job came on the screen, I felt a giddiness light up inside of me, and I began researching more and more about data science. Consequently, data science is a new yet prospering career that others should enter for a successful, interest-provoking job.

As a data scientist, there are many mathematical and technological duties that one must fulfill. For example, he or she must "collect, categorize, and analyze data... create, validate, test, and update algorithms and models... [and] use data visualization software to present findings."