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Data Analysis

**Data tools:**

Completing this lesson was challenging because it took some getting used to. The last time I used Khan Academy was for SAT preparation. Even then I wasn’t that attentive. The section Data tools contained two articles: Sorting Data sets and computing basic statistics. It talks about how our world today is fueled and consumed by data. But more specifically it talks about data storage. CSV was the most unfamiliar to me and with this project I got to utilize CSV. For Computer basic statistics, I was familiar with the function because I often used them in my CIS classes.

**Big data:**

In this lesson there were three articles: The era of big data, the sources of big data, and the challenges of big data. It starts of by explaining what fuels the collection of data. There was more of an emphasis on sizes when it comes to data. The second article talks about how big data can come from many sources like scientific research, digital libraries, and sometimes medical records. The third article talks about the challenges of big data. For example, the challenges of storing large amounts of data. The risks of managing thousands of hard drives. It becomes a greater challenge when it comes to storing and processing sensitive information.

**Bias in machine learning:**

In this lesson there were four articles: Machine learning algorithms, bias in predictive algorithms, bias in facial recognition, and bias in languages translation. The first article focuses on machine learning and explains how it’s a type of algorithm. It explains how there are three types of machine learning techniques reinforcement, unsupervised, and supervised learning. The second article focused more on Criminal justice. The third article talks about the bias in facial recognition because of the inaccuracies. The same applies to language translation because of possibility inaccuracy.

**Unit test:**

I was actually shocked that I scored an 89% on the unit exam because I didn’t score that well in the lesson quizzes. I could definitely tell that the test was comprehensive of the unit because the questions I got right in the unit exam where the questions I got wrong in the quizzes, for some reason it stuck to me. I’m quite glad I took this unit, but it also made me realize I have such a short attention span. I haven’t been the greatest with reading comprehension growing up but I think its because of my attention span.

Graphical user interface, application

Description automatically generated