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CS 1030

Unit 5 data analysis

**data tool**

First I just read the data tool information from the article and I got some information about what it looks like. Then I decided to take the 4 questions and I got 75%. That means I understand what a data tool means in this chapter.

**Big data .**

When I read the article about big data I felt it was easy to understand and I saw a good example of what it means. In my journey of learning about big data, I have delved into various key concepts and technologies. I have gained knowledge about the fundamental principles of big data. Then when I took the Exreces I got 100% easy to understand this topic.

**Bias machine learning**

First of all when I read this article it was kind of confusing to understand the main point, but when I read it again. In general I have explored the ethical implications and challenges surrounding the use of algorithms. I have gained an understanding of how biases can be unintentionally introduced into machine learning models through biased training data or biased decision-making rules. And got 100% for those parts too.

**Experiences for the unit test**

The unit test is a total of 9 questions and I got 9 out 7. It's kind of difficult to answer all of the questions because it is exclusive from the 3 parts of the modules and I work more than 3 times but my maximum percentage of 78% is not bad though. But it was good that I understood the data tool, big data and the bias learning machine.

1. Do electric vehicles with larger battery capacities tend to have quicker acceleration?
2. Are more expensive electric vehicles generally faster in terms of acceleration?
3. Is there a relationship between the range and efficiency ? How does all wheel or front wheel drive affect this?
4. Are vehicles with larger batteries more efficient in terms of energy consumption?
5. How does the battery capacity of electric vehicles impact their efficiency?
6. Do vehicles with higher speeds tend to have lower efficiency ratings?