

Artificial Intelligence essay assignment

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Machine learning is a type of Artificial intelligences that allows software applications to become more accurate at predicting outcomes without being programmed to do so. Even though machine learning is important, using it can arise to some problems such as it being expensive, the models can lead to inaccurate information and the advantages include, some business understand their customers better by collecting data, also helps teams tailor products development and marketing initiatives to customer demands.

Historical bias in education can bring harm in so many different ways like reinforcing a group of students to a particular category for example discriminating against high performing students against the average or low performing students which can lead to some of the students dropping out and others going into depression which might even lead to some of them to hate school and being engaged in things like drugs. Historical bias can also be depicted when an institution groups girls and boys and giving one group more attention than the other because it is historically said that boys perform more than girls.

Representation bias this occurs when some groups are underrepresented happen when comparing the performance of students from different geographical areas .For example this can when you compare the performance of a student from a marginal area like Turkana with a student from Nairobi. The students from Turkana are underrepresent since they lack the resources that the other group have.

Measurement bias occurs when choosing, collecting, or computing features and labels to use in predicating the problem. In education this bias can be depicted if the school wants to depict whether a student will fail or pass their exams, which is impossible because of its complexity. A student's failure or pass cannot be determined by only one occurrence the machine learning will result to a single variable label such as grade points average which ignores other indicators of success present in different parts of the population. And once an assumption is made about that student, they will continue thinking they are not good enough hence make no effort to improve.

