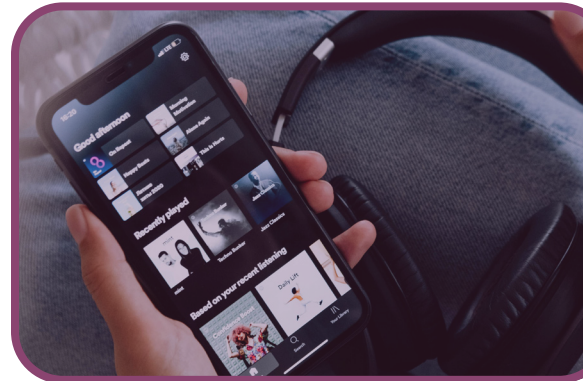


CONCEPT Machine learning is an application of AI that uses computer science focusing on algorithms and data to discover patterns in current or previous data and make decisions.



REAL WORLD CONNECTIONS

Cell phones are great examples of how machine learning has impacted our daily lives. Predictive text is an input technology that facilitates typing on many handheld devices by suggesting words and phrases. The system “learns” how each user interacts differently to tailor it’s response. These predictions are based on the context of other words in the message and the first letters typed. The user simply taps on a word instead of fully typing it out. This use of machine learning within predictive text algorithms can significantly speed up the input process. Just watch any teenager texting on their cell phones to witness this speed and efficiency!

APPLICATION

If you’re an Amazon Music subscriber, have you ever noticed what happens when you reach the end of your playlist? It starts playing other selections which are similar to the music you had saved within your playlist. Machine Learning is simply looking at your Amazon playlist to make an “educated guess” as to what you “might” like so they can keep you streaming on their app.