[**Machine learning** is a subfield of artificial intelligence that uses algorithms trained on data sets to create self-learning models capable of predicting outcomes and classifying information without human intervention1](https://www.coursera.org/articles/what-is-machine-learning).

Here are **five free resources** where you can learn more about machine learning:

1. [**Machine Learning Crash Course with TensorFlow APIs**](https://developers.google.com/machine-learning/crash-course/): Google’s practical introduction to machine learning, featuring video lectures, real-world case studies, and hands-on exercises[2](https://developers.google.com/machine-learning/crash-course/).
2. [**Machine Learning (Stanford University)**: A comprehensive course by Stanford University on Coursera, taught by Andrew Ng, covering the fundamentals of machine learning1](https://www.coursera.org/articles/what-is-machine-learning).
3. [**Machine Learning Foundations: A Case Study Approach (University of Washington)**: Learn machine learning through practical case studies in this course on Coursera1](https://www.coursera.org/articles/what-is-machine-learning).
4. [**Machine Learning for All (University of London)**: An introductory course on Coursera that covers the basics of machine learning1](https://www.coursera.org/articles/what-is-machine-learning).
5. [**Machine Learning with Python (IBM)**: Explore machine learning using Python in this course offered by IBM on Coursera1](https://www.coursera.org/articles/what-is-machine-learning).

These resources will provide you with a solid foundation to dive into the exciting world of machine learning! 🤖📚