Machine learning is a branch of artificial intelligence and computer science which focuses on the use of data and algorithms to imitate the way that humans learn gradually improving its accuracy.

IBM has a rich history with machine learning one of its own author Samuel is credited for coining the term machine learning with his research around the game of checkers Robert neely the self-proclaimed Chequers master play the game on an IBM 7094 computer in 1962 have you lost to the computer compared to what can be done today this feat seems trivial but it’s considered a major milestone in the field of artificial intelligence.

over the last couple of decades the technological advances in storage and processing powder have enabled some innovative products based on machine learning such as Netflix recommendation engine and self driving cars.

machine learning is an important component of growing field of data science through the use of statistical methods algorithms are trained to make classifications or predictions and to uncover key insights in data mining projects these insights subsequently Dr decision making within applications and business ideally impacting key growth metrics as big data continues to expand and grow the market demand for data scientist will increase.

Machine learning algorithms are typically created using frameworks that accelerate solution department, such as tensorflow and pytorch.