

Big Data Analytics using Machine Learning Techniques

Nowadays the period of Machine learning has found widespread of implementation techniques and applications in many different domains in our day to day activities. However, as the big data era is coming, some conventional machine learning techniques cannot fulfill the needs of real-time processing for huge amount of data. In retort, machine learning desires to reproduce itself for big data. In this research proposal, we provide conventional machine learning tools and algorithms for big data processing in current studies. The traditional storage and processing techniques fails to meet the requirements and also the various challenges that may occur while using traditional MLT for Big Data Analytics to find the possible solutions. As per our analysis, Parallel Processing, Dimensionality Reduction techniques, GPUs, Map reduce jobs, Deep learning, Online learning, Incremental learning are some of the possible solution to meet the challenges associated with big data analytics. The main objective of this research proposal is to solve the problems efficiently through modern ML techniques.