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## Machine Learning Techniques and Algorithms used in HEP

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Subsequent to the release of CERN Open Data, the emergence of a variety of challenges awakened the curiosity and interests of scientists from different disciplines to attack them from their own expertise, among them computer science. The past few years have seen a high growth in the take-up of ML by the accelerator community in Deep Learning developments, for ML is noticeably a key tool to help meet demands in LHC applications, both in simulations and operations. This poster summarizes the study of Machine Learning Techniques and Algorithms used in HEP.

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