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## Deep learning neural networks - a TMVA perspective

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Deep learning neural networks are feed-forward networks with several hidden layers. Due to their complex architecture, such networks have been successfully applied in several difficult non-HEP applications such as face recognition. Recently the application of such networks has been explored in the context of particle physics. We discuss the construction and training of such neural nets within the Toolkit for MultiVariate Analysis (TMVA) and present recent improvements of TMVA in that field.

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