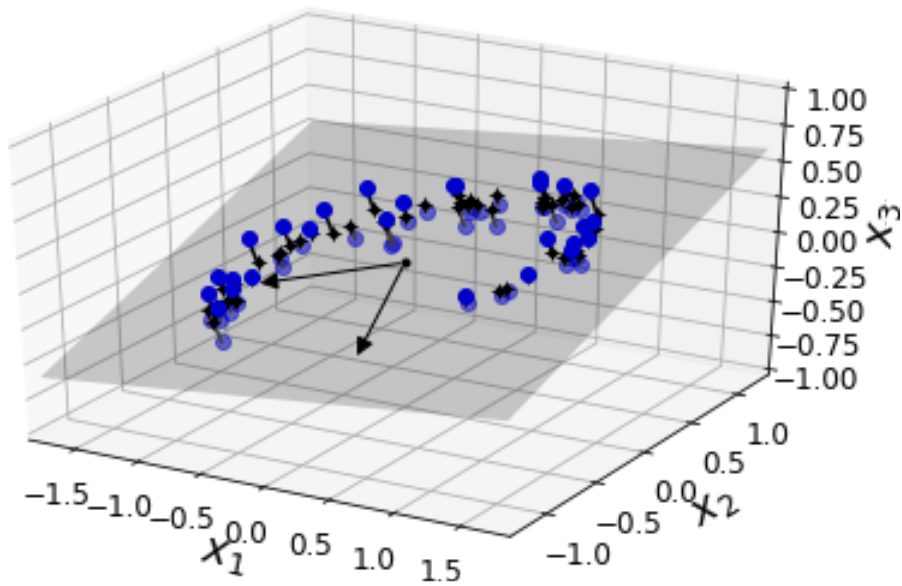
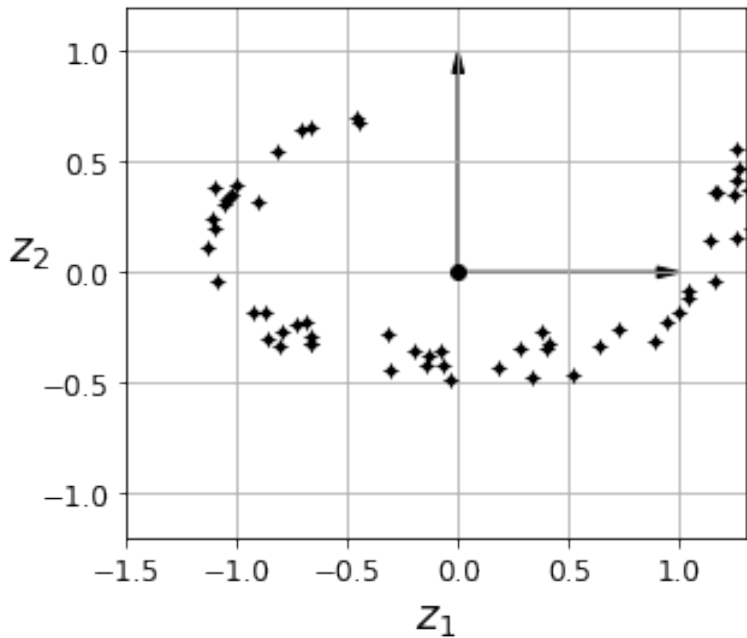
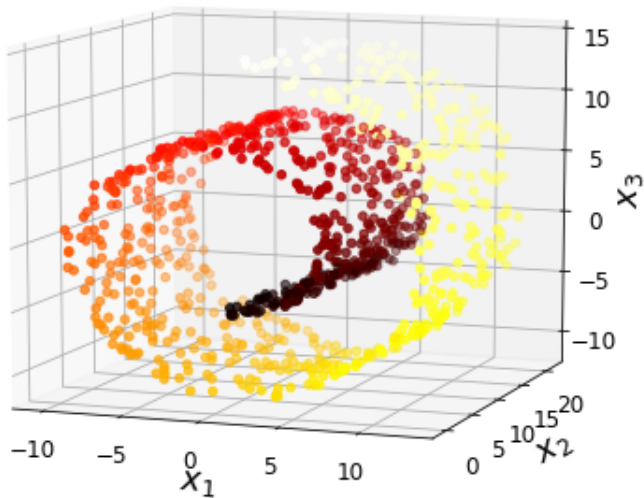
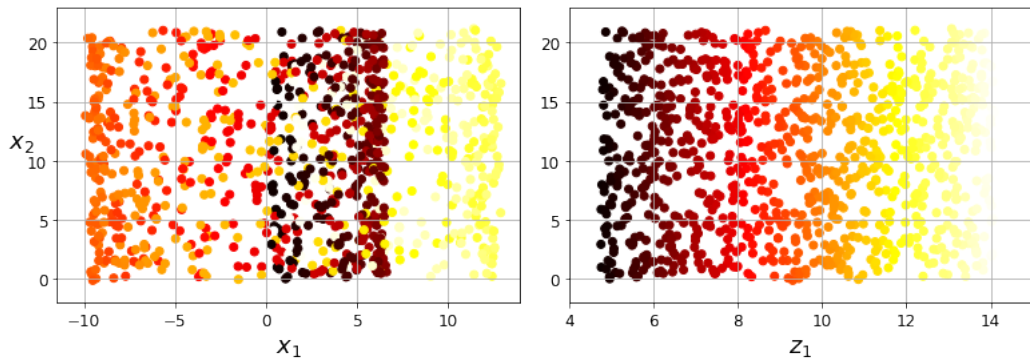


*An important motivation for [models with continuous latent variables] is that many data sets have the property that the data points all lie close to a **manifold** of much lower dimensionality than that of the original data space.*  
*Bishop, pg 559*

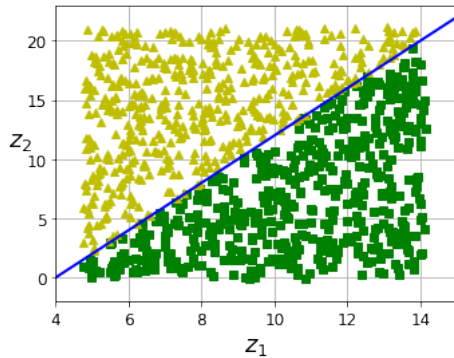
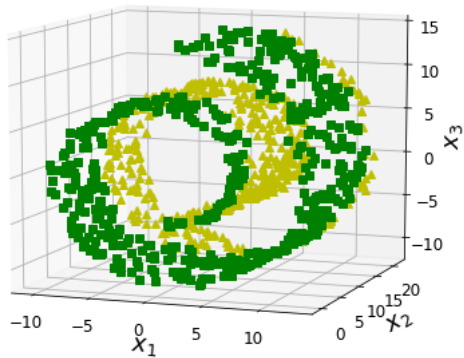




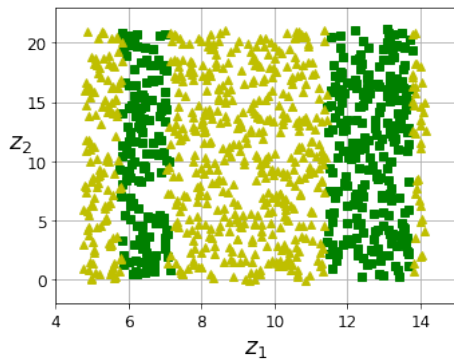
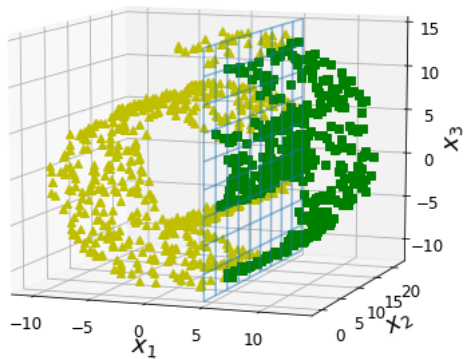




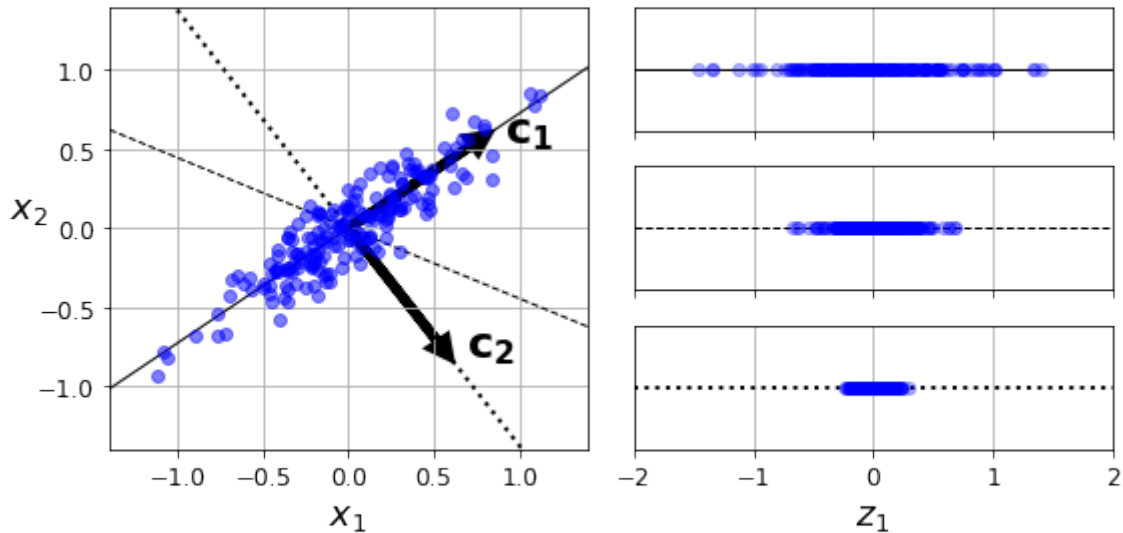
Aurélien Géron, *Hand-On Machine Learning with Scikit-Learn & TensorFlow*, O'Reilly, 2017. Pg 211



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