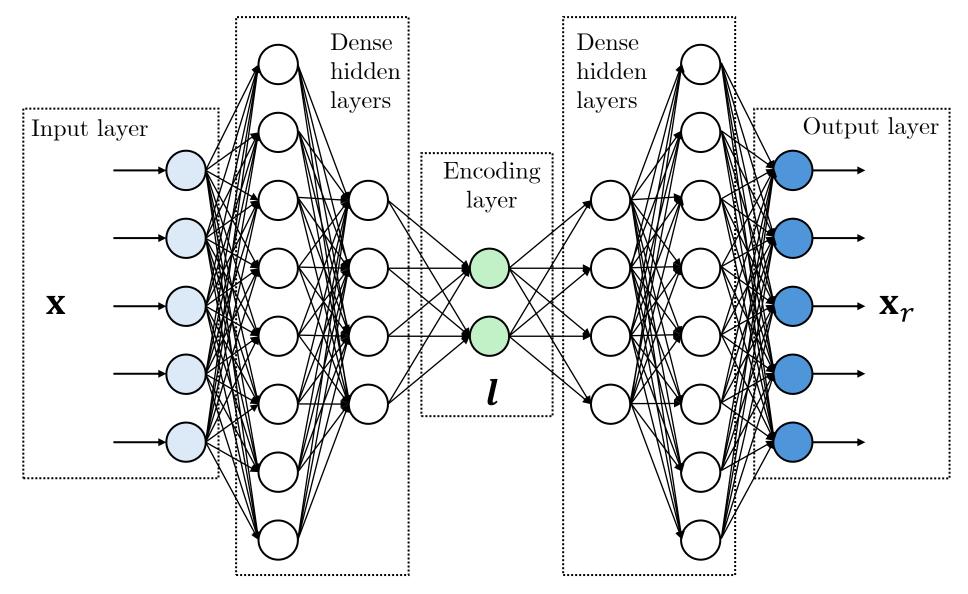
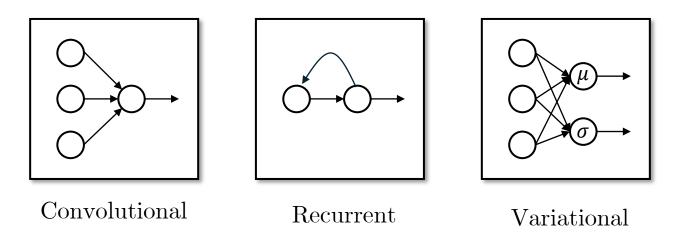
South-African Council for Automation and Control $Exploratory\ Data\ Analysis\ workshop$

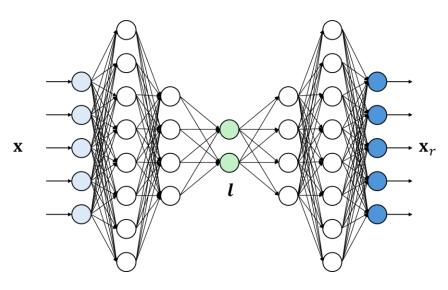
March 2024

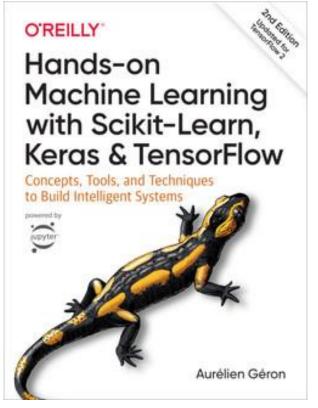


- Train neural network to reproduce inputs, passing through bottleneck layer
- Many varieties:

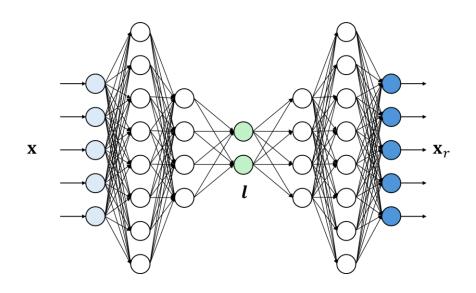


Challenging to design and train (overfitting)





- Keras provides beautiful, easy to use API to TensorFlow
- Ease of use does not make for straightforward application



https://www.tensorflow.org/

