

# Introduction of DeepLearning ( II )

30 July 2020

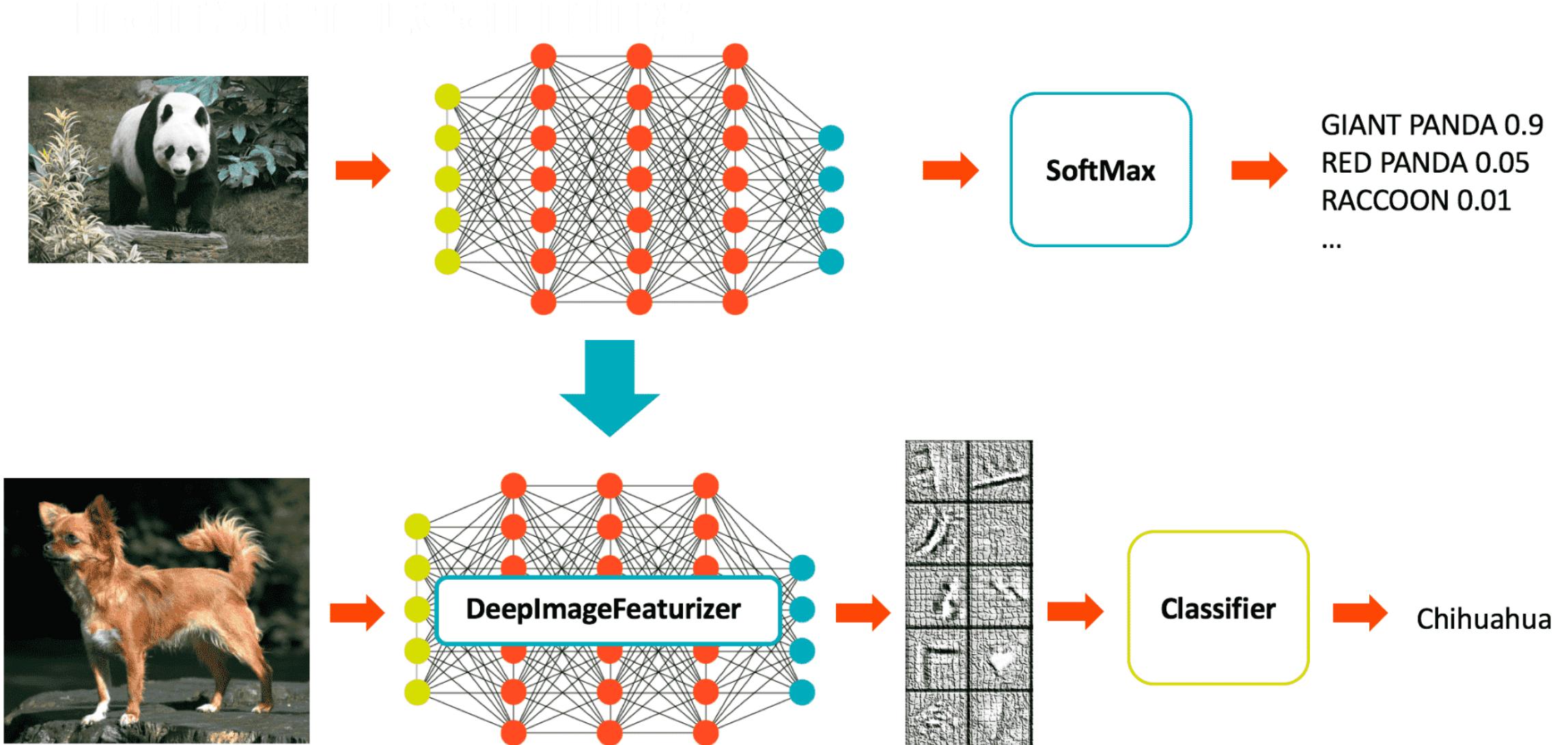
Presented by Red Hsu

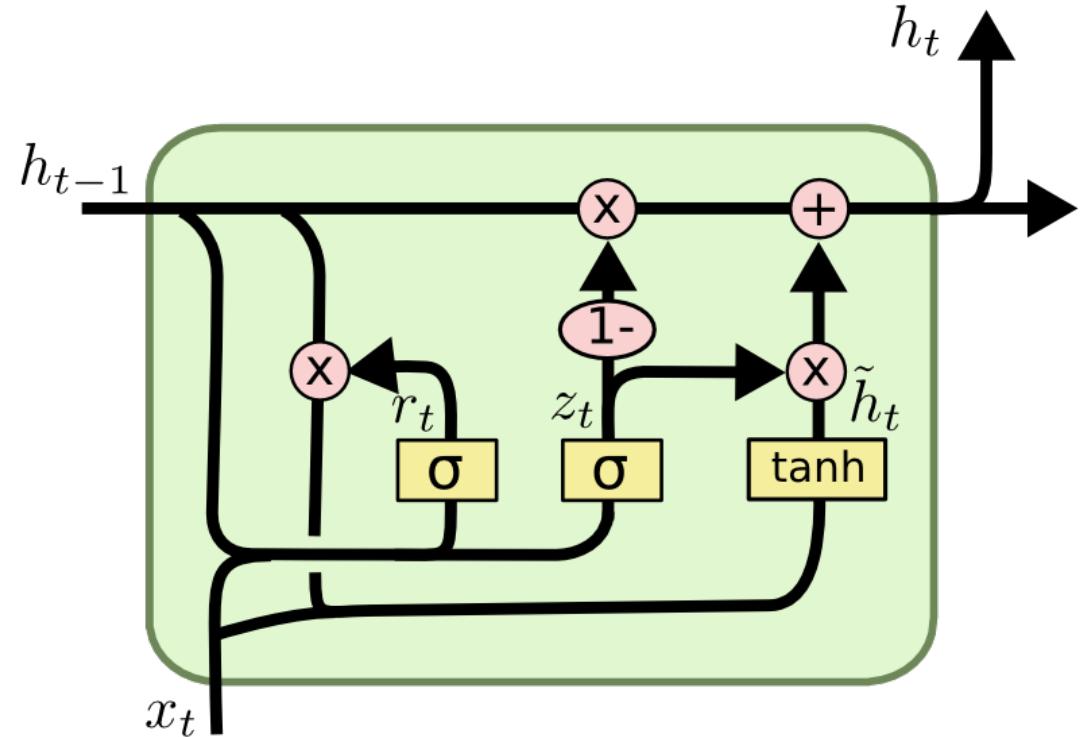


## Contents

- ▶ 使用預訓練的人工神經模型
- ▶ 使用LSTM來進行循環神經網路
- ▶ 使用生成式深度學習來操作文字生成、風格轉換
- ▶ 人工智慧的未來發展

# Transfer Learning



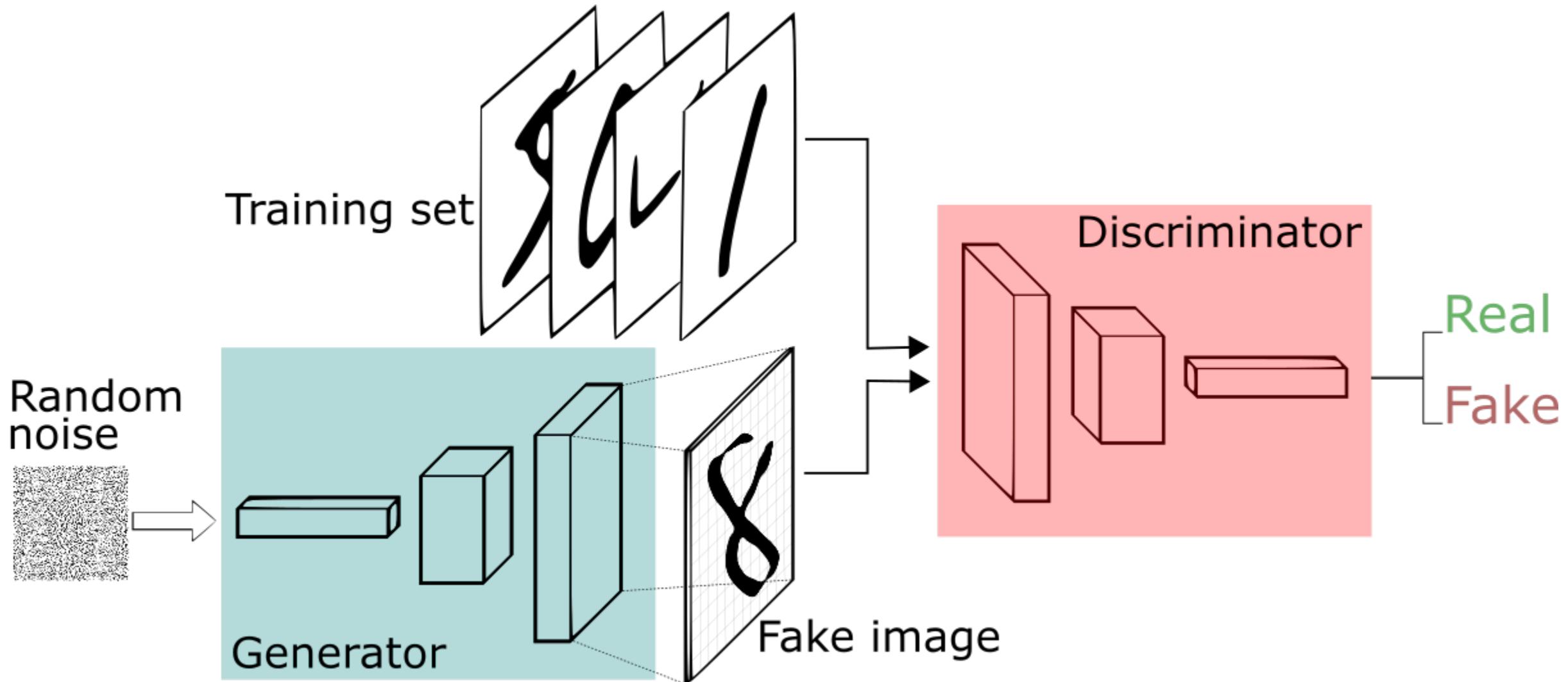


$$z_t = \sigma (W_z \cdot [h_{t-1}, x_t])$$

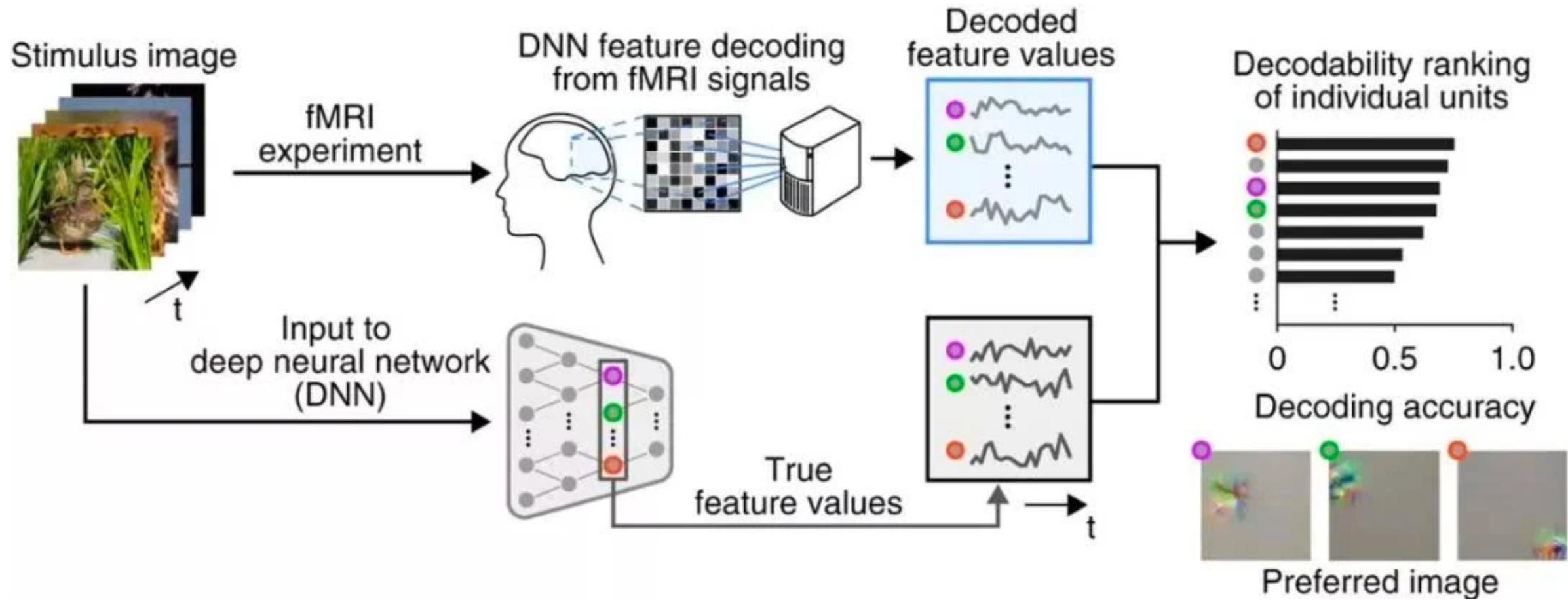
$$r_t = \sigma (W_r \cdot [h_{t-1}, x_t])$$

$$\tilde{h}_t = \tanh (W \cdot [r_t * h_{t-1}, x_t])$$

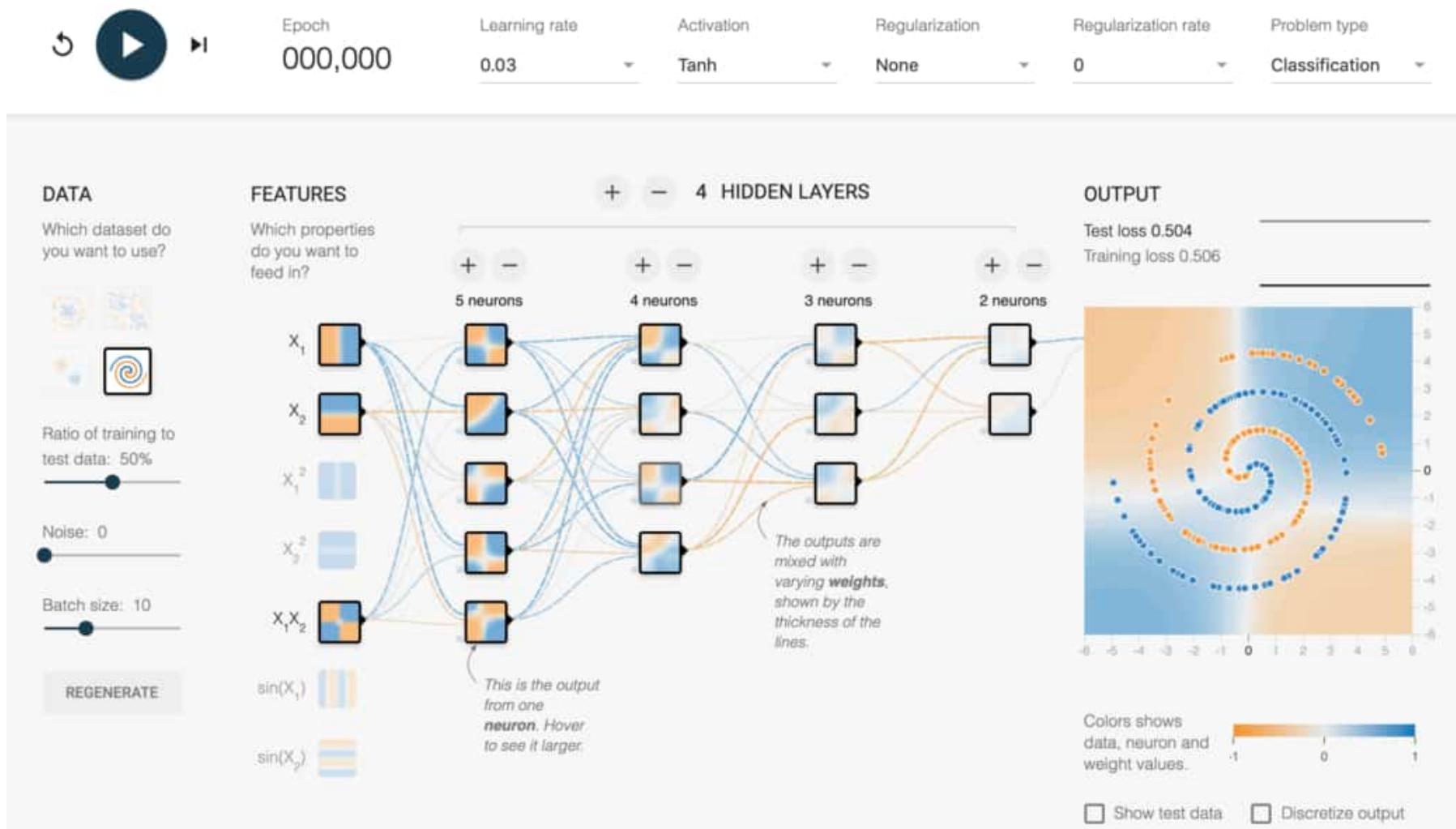
$$h_t = (1 - z_t) * h_{t-1} + z_t * \tilde{h}_t$$



# Integrated Gradients



# Resources – Tensorflow



# Thank you

Contact details

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