

# AI 101 WEBINAR

## Classroom Links

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### Classroom Links

1. **Colab :**

<https://colab.research.google.com/notebooks/welcome.ipynb#forceEdit=true&sandboxMode=true>

2. **Python Numpy Tutorial With Google Colab :**

<https://colab.research.google.com/github/cs231n/cs231n.github.io/blob/master/python-colab.ipynb#forceEdit=true&sandboxMode=true>

3. **Introduction to Keras :**

<https://colab.research.google.com/drive/1IWUGZarlbORaHYUZIF9muCgpPI8pEvve#forceEdit=true&sandboxMode=true>

4. **TensorFlow Playground :**

<https://playground.tensorflow.org/#activation=relu&batchSize=30&dataset=spiral&regDataset=reg-plane&learningRate=0.03&regularizationRate=0&noise=10&networkShape=8,8,8,8,8&seed=0.22272&showTestData=false&discretize=false&percTrainData=80&x=true&y=true&xTimesY=false&xSquared=false&ySquared=false&cosX=false&sinX=false&cosY=false&sinY=false&collectStats=false&problem=classification&initZero=false&hideText=false>

5. **CNN Explainer :** <https://poloclub.github.io/cnn-explainer/>

6. **Image Classification from Scratch :**

<https://colab.research.google.com/drive/1umJnCp8tZ7UDTYSQsuWdKRhqbHts38AC#forceEdit=true&sandboxMode=true>

7. **Write With Transformer :** <https://transformer.huggingface.co>

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8. **GAN in Keras :**

<https://colab.research.google.com/drive/1CQ2XTMoUB7b9i9USUh4kp8BoCag1z-en#forceEdit=true&sandboxMode=true>

9. **art-DCGAN :** <https://github.com/robbiebarrat/art-dcgan>

10. **MusicVAE :**

<https://colab.research.google.com/github/magenta/magenta-demos/blob/master/colab-notebooks/MusicVAE.ipynb>

11. **Evolution Strategies :**

<https://colab.research.google.com/github/karpathy/randomfun/blob/master/es.ipynb#forceEdit=true&sandboxMode=true>

12. **OpenSpiel :**

[https://colab.research.google.com/github/deepmind/open\\_spiel/blob/master/open\\_spiel/colabs/install\\_open\\_spiel.ipynb#forceEdit=true&sandboxMode=true](https://colab.research.google.com/github/deepmind/open_spiel/blob/master/open_spiel/colabs/install_open_spiel.ipynb#forceEdit=true&sandboxMode=true)

**VIP AI 101 CheatSheet for All :** <http://www.montreal.ai/ai4all.pdf>

**Online Chat** (Google Document) :

<https://docs.google.com/document/d/1Gu8TCjhgzgxticpctICTSvgWka7H6BezgGv3Hvgy0axl/edit?usp=sharing>

**Q :**

<https://docs.google.com/forms/d/e/1FAIpQLScqtLP4l7ZE7iU-1OnVhHkM6hxQwOy2IPNO2mXzOv6mKiZSeA/viewform>

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