Tutorial 7 - Dropout & Transfer Learning

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Carleton University

Monday 8th November, 2021

Disclaimer: Recorded Tutorials will be Posted

Privacy Preservation:
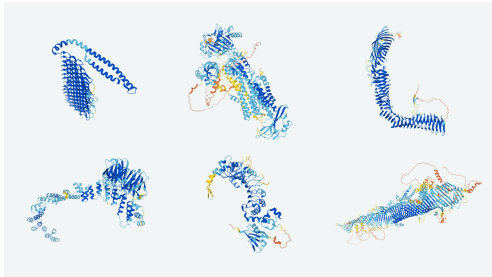
- Ask questions in the chat[1]
- Keep video off

Note: If the above *hinders your ability to learn* $\wedge$ *violates your privacy*, please let me/Dr. Green know ASAP and video will be post-processed accordingly.

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[1]I encourage unmuted/voice-based questions at any time, but know that this isn't explicitly privacy-preserving

ML Weekly

Recent news events from the ML community

ML Weekly

1. **(AI)** DeepMind creates 'transformative' map of human proteins drawn by artificial intelligence

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2. **(DL)** Synthesizing Speech from Intracranial Depth Electrodes using an Encoder-Decoder Framework
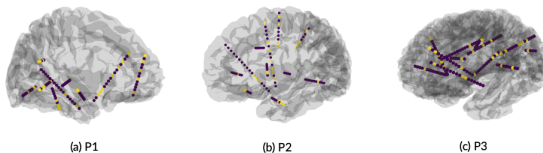

(a) P1 (b) P2 (c) P3

FIGURE 5 Electrode contact locations (purple) and selected top 33 electrode contacts (yellow) for all participants. Electrode locations are determined by co-registering pre-surgical MRI and post-surgical CT scans.

ML Weekly

1. **(AI)** DeepMind creates 'transformative' map of human proteins drawn by artificial intelligence
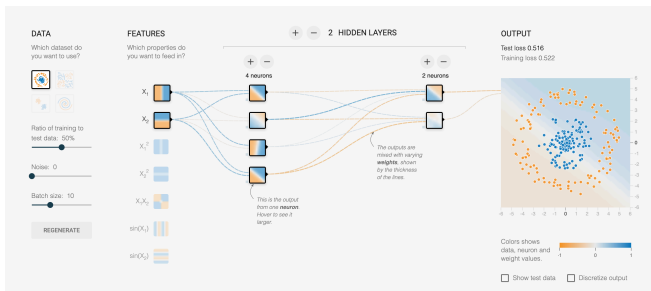2. **(DL)** Synthesizing Speech from Intracranial Depth Electrodes using an Encoder-Decoder Framework
3. **(Vision)** Tinker With a Neural Network Right Here in Your Browser

Into the Notebooks we Go...

We will cover two notebooks today!

1. Tutorial 7 - Dropout

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