

Deep Learning Transparency Presentation Notes

- “What Are Deep Learning Algorithms?”
 - Explanation of what deep learning is is fairly straightforward.
- “What is the ‘Black Box’?”
 - From Dallas Card on Medium, Postdoctoral Scholar on Medium
 - Slide 1: Black box, switches and knobs. Get through development from switches -> lights to interconnecting components.
 - Slide 2: Glass Box. Mention that humans are the real black box.
- “What is Deep Learning Used For?”
 - Spongebob!
 - Example industries found in a quick Google search
- “Where has Deep Learning Failed?”
 - Examples from Cathy O’Neil, elsewhere
- “So What Should We Do?”
 - Next slide is audit meme, so build to it - analogous to hiring a human. Cathy O’Neil has a company called ORCAA specifically devoted to auditing algorithms.