**Dawson College**

**Integrative Seminar 300-308-DW**

**Research Topic Selection: Artificial Intelligence**

The list below includes good potential topics and resources for your Comprehensive Assessment paper. You do not need to choose from this list, but if you do not, it is a good idea to speak to me to confirm that your topic will work.

Remember that your topic must be related to Artificial Intelligence and that you will have to examine it from the perspectives of three social science disciplines. The list is divided in themes and fields. One way to do it is to select one theme and one field, for instance: The Ethics of AI in Law Enforcement.

Field: ECONOMY

Moodle "pitch": Banks led the AI turn by introducing chatbots to the world, created credit rating algorithms, AI-induced stock market trading, and fraud detection mechanisms (notably leveraging facial recognition technologies / **privacy**). AI gives a comparative advantage to its adopters, and as such has led to an enhancement of inequalities, both inside countries and on a north-south frame. What is the impact of AI on the labor market? What type of job are replaced (and who occupies them / **bias**)? How can we ensure society benefits from these changes (**regulation / ethics**)? E-Commerce bankrupt hundreds of small businesses, but also created other work opportunities. What should we do with people that are being replaced by AI? Should governments help businesses not getting swallowed by Amazon?

RESOURCES

* McDuie-Ra, Duncan, and Kalervo Gulson. “The Backroads of AI: The Uneven Geographies of Artificial Intelligence and Development.” *Area*, vol. 52, no. 3, Sept. 2020, pp. 626-33.
* Klengel, Ernesto, and Johanna Wenckebach. “Artificial Intelligence, Work, Power Imbalance and Democracy – Why Co-Determination Is Essential.” Italian Labour Law E-Journal, vol. 14, no. 2, Dec. 2021, pp. 157–71. <https://illej.unibo.it/article/view/14099/13694>
* Jarrahi, Mohammad Hossein. “Artificial Intelligence and the Future of Work: Human-AI Symbiosis in Organizational Decision Making.” Business Horizons, www.sciencedirect.com/science/article/pii/S0007681318300387.
* Mollura, Daniel J., et al. “Artificial Intelligence in Low- and Middle-Income Countries: Innovating Global Health Radiology.” *Radiology*, vol. 297, no. 3, Dec. 2020, pp. 513– 20. https://pubs.rsna.org/doi/pdf/10.1148/radiol.2020201434.
* Santesteban, Cristian, and Shayne Longpre. “How Big Data Confers Market Power to Big Tech: Leveraging the Perspective of Data Science.” *Antitrust Bulletin*, 2020. doi.org/10.1177/0003603X20934212.
* DeCook, Julia R. “Tech Will Not Save Us: The Subjugation of Politics and Democracy to Big Tech.” *International Journal of Critical Diversity Studies*, vol. 3, no. 2, 2020, doi.org/10.13169/intecritdivestud.3.2.0073.