*Name:*_____

ID: _____

ECS 089L: Ethics in an Age of Technology
Quiz 6
November 6, 2024

1) One of the four technical developments listed below has NOT been key to the development of data driven AI:
   a. The rapid expansion of social media, internet use, and smart phones have generated vast amounts of data, text, voice, and images
   b. Data-driven AI uses very simple computations that can be done using GPUs
   c. Quantum sensors can help detect changes in magnetic fields at incredibly small scales, enabling early diagnosis of conditions such as heart disease
   d. The Internet has enabled the low-cost distribution of human work at a massive scale

2) The "elements of AI" discussed in the report relate to:
   a. Data, deep learning, and large language models
   b. An online course developed by the University of Helsinki and Reaktor (a technology company)
   c. Symbolic logic, expert systems, and data-driven approaches
   d. The impact of AI in Europe

3) According to the report, women represent _____ of AI researchers:
   a. More than 50%
   b. More than 25%
   c. Less than 20%
   d. Less than 5%

4) What does the word "anomie" refer to
   a. A certain form or anemia
   b. An individual's ability to adapt to changing social norms
   c. Lack of the usual social or ethical standards in an individual or group
   d. Lack of interest in ethics classes

5) According to the report, why might data-driven AI systems present challenges in the field of education?
   a. They are too expensive for widespread implementation in schools,
   b. They focus primarily on future predictions, ignoring historical data,
   c. They struggle to interpret acts of learning and personal transformation,
   d. They inherently promote creativity.