GROUP DISCUSSION
QUESTIONS

1. DATA SCIENCE & ETHICS

a. Should we fear data science?

b. Bias and blind spots: How do we prevent them?

c. How can we ensure that algorithms are fair?

d. Are we sacrificing accuracy for transparency when we consider ethics in data science?

2. DATA SCIENCE & DEMOCRACY

a. Can collection or use of data be regulated?

b. How do we articulate data science and privacy?

c. How do we articulate privacy standards in data science?

d. Is data science a threat (e.g., Facebook, Cambridge Analytica) or chance for democracy?

e. How can we help data science come out of a very specialized area ("black box," "dark room")?

f. How can we implement a more transparent, data-driven society?

GROUP DISCUSSION
QUESTIONS

3. DATA SCIENCE & BUSINESS/WORKPLACE

a. As consumers, how are we benefiting from AI and big data?

b. Individual echo chambers, bubbles? What limitations can you see to the progress of AI and machine learning?

c. What skills will be necessary for future (non-specialized graduates) to be data science literate

d. How will the role of a data scientist evolve with the entry of AI-enabled tools in the industry?

4. DATA SCIENCE & SOCIETY

a. Should self-trained machines be allowed to enforce ethical rules or laws on human beings? Can there be a risk of a Terminator-like scenario with an artificial intelligence taking over arbitrarily?

b. Is data science taking away all sense of responsibility from humans (dehumanizing us, as in the Stanford prison experiment)?

c. Who regulates the human controlling the machine?

d. With big data, has social science "finally found its telescope?"

e. Which sectors of human life could be most heavily impacted by data science in the coming five to 10 years?

f. Should there be regulation on the implementation of data science?