DATA SCIENCE AND ARTIFICIAL INTELLIGENCE REGULATORY APPLICATIONS WORKSHOPS

WORKSHOP 2: CURRENT TOPICS
OPENING REMARKS

Jeremy Groom, Managing Director
EMBARK Venture Studio
Office of Nuclear Reactor Regulation

U.S.NRC
United States Nuclear Regulatory Commission
Protecting People and the Environment

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WELCOME

- Over 200 registered attendees with participants from five different countries.
- Second of Three Workshops with a focus on Current Topics
  - Morning Sessions – NRC Topics and Initiatives
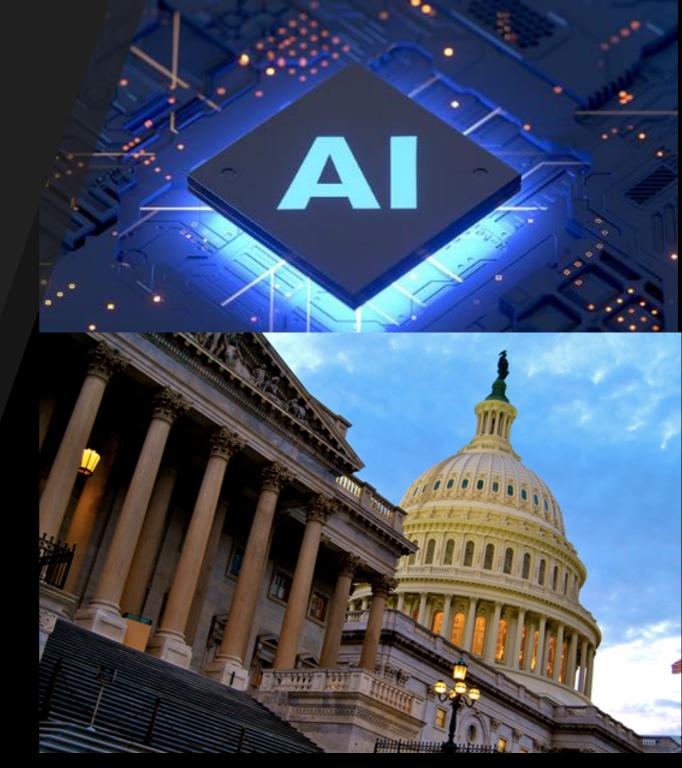 - Afternoon Sessions – Industry Topics and Initiatives

Regulatory Purpose

- NRC recognizes a need to use data analytics and AI for regulatory enhancements as part of its effort to become a modern, risk-informed regulator[1]

- The nuclear industry is investigating and using AI applications; therefore, the NRC must be prepared to understand and evaluate the technology

[1] "The Dynamic Futures for NRC Mission Areas," (ML19022A178)

Upcoming Workshop #3:
Future Focused Initiatives
September/October 2021

https://www.nrc.gov/public-involve/conference-symposia/data-science-ai-reg-workshops.html