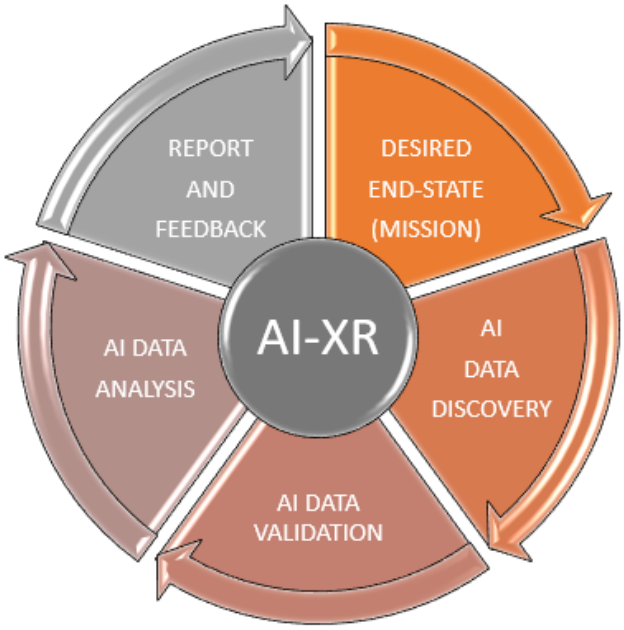
AI-XR

Artificial Intelligence eXplorer

Course Overview

The AI-XR training module, provided to USGOV customers, equips analysts with the foundational knowledge and practical skills necessary to leverage artificial intelligence tools for Publicly Available Information (PAI) research in a secure, efficient, and attribution-conscious environment.

As AI technologies rapidly evolve and become embedded in both adversarial and allied information environments, it is essential for practitioners to understand how to responsibly operationalize these tools. This course introduces analysts to the core functions of AI, its role in PAI/ OSINT workflows, and its limitations regarding validation, attribution, and legality.



Certification

AI-XR instructors are selected for their proven ability to combine research process with the advances of technology.
Our program utilizes hands-on instruction and curated practical scenarios to ensure students master the content and apply it across to multiple course deliverables. Upon meeting all requirements, students will receive a certificate recognizing their proficiency in the use of AI for PAI research and the process of AI data accuracy by utilizing the human validation methodology acquired during the course.

What are the distinctive features of AI-XR in supporting of PAI research?

- AI research methodology refers to the structured approach used to develop, test, and refine artificial intelligence systems.
- AI-XR automates data collection, identify patterns, and generate insights from sources like social media, news articles, government records, and other open databases.
- AI-XR is the methodical exploration into how to make these intelligent machines better, smarter, and more capable.
- AI-XR utilized unique AI techniques and methodologies developed and tested by Parsons TOG.

AI-XR APPROACH

Operational Advantages

- Our curriculum is based on specific artificial intelligence models, and approaches that has been shown to result in positive mission outcomes.
- AI-XR instructors use AI techniques and tailored prompts to enhance the research process based on their years of data gathering experience.
- We provide unique customized AI tools that maintain a managed attribution posture during the research process.

AI Applications

- Healthcare
- Business and Finance
- Transportation and Mobility
- Education
- Creativity Industries
- Daily Life

Program Pillars

- Set AI managed attribution postures
- Understanding AI methodology and model behavior
- Practicing critical validation of AI outputs
- Safe and secure deployment of AI tools through managed attribution
- Practical use of AI chatbots and custom prompt engineering
- Hosting self-contained AI environments for sensitive research missions
- Validate data
- Avoid AI hallucination by integrating human data validation

Skills & Outcomes

- Identifying and managing digital exposure when using AI tools in OSINT.
- Prompt engineering for optimized multilingual and mission-aligned results.
- Conducting comparative analysis of free vs. paid AI platforms (e.g., ChatGPT, Perplexity, BlackBox).
- Self-hosting secure AI chatbots using cost efficient hardware (e.g., NVIDIA Orin Nano) and tools (Open-WebUI, API integration).
- Detecting manipulated or synthetic media using AI-aided validation tools.
- Understanding international AI regulatory frameworks (EU AI Act, China's Generative AI Measures, DMCA implications).
- Identifying when and how to use the AI-XR Framework:
  - Mission
  - Discovery
  - Validation
  - Analysis
  - Report

Delivery

AI-XR is an in-person course offered to USGOV customers at one of our state-of-the-art classrooms in Herndon, VA, or Fayetteville, NC.

- Mobile training teams are available to host specially-tailored courses upon request.

AI-XR is a five-day course designed to equip participants with the essential skills to conduct artificial intelligence research in an open-source environment.

AI is not a replacement for OSINT/PAI tradecraft—it is a force multiplier. Analysts must remain the final filter between machine output and operational action. This course ensures they are trained not just to use AI, but to validate it, secure it, and explain it to leadership.

For contracted training and price quotes, please send all inquiries to:
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More Info and Enrollment!