



U.S. ARMY

Driving Innovation Together with AI and Advanced Analytics



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AMC Leading in Advanced Analytics and AI

- Organizational Design
 - Structure
 - Governance and Policy
 - Training and Certification
- AI Enabled Commander
 - Daily Report
 - Briefing Summarization
 - Fleet of the Week
 - Common Operating Pictures
- AMC Innovation Competitions





U.S. Army Aviation and Missile Command

Empowering AMCOM to adapt and thrive in the digital age through business transformation

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Strategic Partnership with U.S. Army Combat Capabilities Development Command (DEVCOM) Aviation and Missile Center (AvMC):

Sharing training resources, lessons learned, Analytics Digital Engineering and Knowledge Management expertise to drive transformation efforts.

Digital Transformation Maturity Assessment:

Conducting a comprehensive assessment to establish a baseline of our data transformation capabilities to identify trends, gaps, and areas for improvement to drive future innovation initiatives.

Data Integration & Initiatives Partnerships:

Established curated data pipelines to enhance training analytics, readiness data and human resources.

Data Governance Framework:

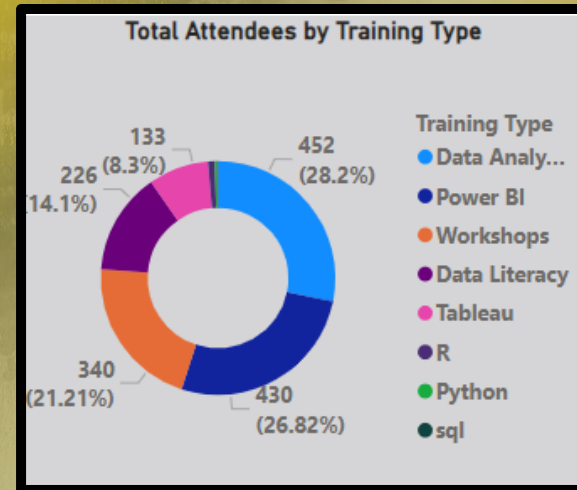
Implemented data governance policy and checklists to standardize best practices and promote data quality and integrity.

AI/LLM Exploration:

Actively pursuing AI/LLM for Aviation metrics to predict and optimize readiness outcomes in every area.

Workforce Development

1562
Attendees
trained thus far



“Every individual is part of the Army’s data workforce.”

Dr. David Markowitz, Army CDO



AI at DEVCOM Aviation & Missile Center



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DEVCOM Aviation & Missile Center: Develop, integrate, demonstrate and sustain Army aviation and missile system transformation to ensure war-winning future readiness.

- Artificial Intelligence and machine learning will be transformational across the Army, driving innovation and decision-making. AvMC is committed to this transformation and expanding the boundaries of technology advancement.
- Partnerships are critical to our success - collaborating across the Army, the Joint force, industry and academia allows access to diverse expertise and cutting-edge technology.

**Objective 1:
Modernization**

Airworthiness, Reliability, and Safety of AI/ML for weapon systems

**Objective 2:
People &
Partnerships**

Collaboration, Education, and Training

**Objective 3:
Resources**

Access to compute power and tools

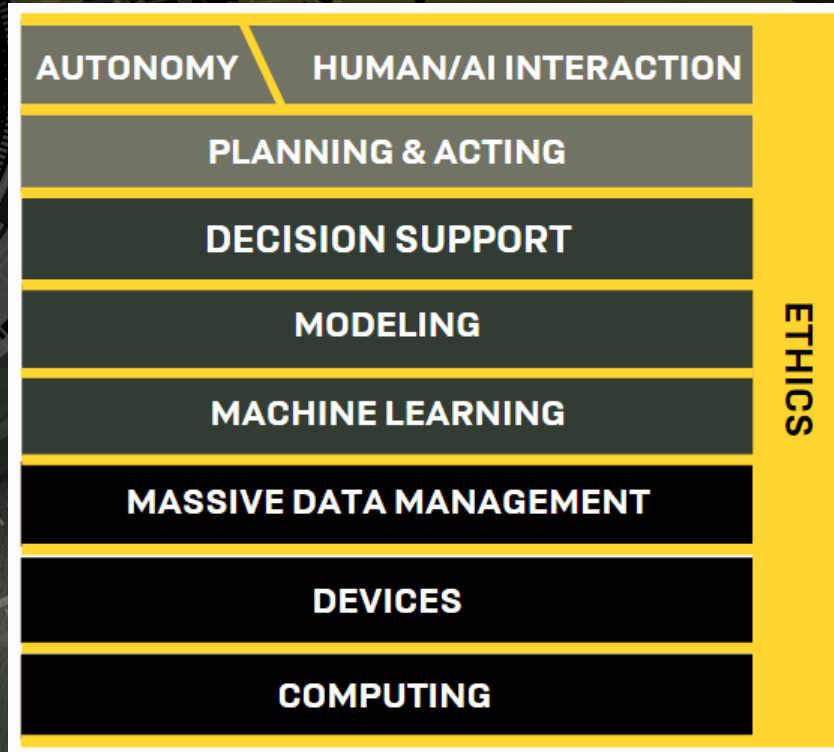
**Objective 4:
Efficiency**

Automation to reduce touch labor and increase efficiency



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Capabilities – AI Stack





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AI Workforce Development Framework

