

Workforce Education and Training Working Group

Objective: Determine how to educate and train current and future workers in using GenAI as the technology matures and as worker knowledge increases.

Deliverables:

- Educate the workforce on the technology and its capabilities and limitations.
- Inform potential users on how to implement GenAI responsibly.
- Identify technical resources to create and sustain AI systems.
- Showcase Alabama GenAI talent and service offerings.

Focus Areas:

- Building a Foundational Understanding of GenAI
 - Demystifying GenAI - Explain what it is, basic principles, different types of tools (text, image, code generation etc.), and how it can augment different professions along with benefits and challenges.
- Responsible Implementation of GenAI
 - Discuss Ethical Considerations - bias in data, potential for misuse of GenAI outputs, and responsible use guidelines.
 - Explore best practices for integrating GenAI tools into workflows, data management for GenAI systems, and human oversight considerations.
- Developing Talent and Resources
 - Identify potential curriculum additions at universities, colleges, and training programs to equip future workers with GenAI skills.
 - Collaboration with Alabama's tech companies can identify existing resources and potential gaps for infrastructure and maintenance.
 - Highlight resources for technical infrastructure, model acquisition, and ongoing maintenance needs for GenAI implementation.
- Showcasing Alabama's GenAI Ecosystem
 - Success Stories - Identify and showcase successful applications of GenAI by Alabama-based companies and institutions.
 - Highlight the expertise of Alabama's GenAI talent pool and service providers.
 - Create avenues for connecting Alabama's GenAI talent and service providers with potential clients across industries.
 - Collaborate with industry leaders, local chambers of commerce, and the Alabama Department of Commerce to showcase success stories and expertise.

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Executive Order 738 Objectives

- Encourage the responsible and effective use of GenAI in state executive-branch agencies.
- Model Development: Outline the process for developing, testing, and deploying AI models.
- Human Oversight: Outline the role of humans in the oversight and control of AI systems.
- Determine how to educate and train current and future workers in the use of GenAI as the technology matures and as worker knowledge increases.
- Demonstrate how GenAI can improve government services and government efficiency.
- Recommend how GenAI can improve Alabamians' experience with and access to government services.
- Measure how GenAI can support state employees in the performance of their duties.
- Report the results of any GenAI pilot project to the Secretary of Information Technology or his designee.
- Additional recommendations for further executive action or legislation.