

Memorandum

Date: August 30, 2024

To: Oregon Joint Task Force on Artificial Intelligence

From: Application Workgroup

RE: Summary of Application Workgroup meeting on August 19, 2024 & Follow on Work

Members of the Application Workgroup (Skip Newberry, Ameeta Agrawal, Ph.D., and Sean McSpaden) met on August 19, 2024.

During the meeting, we discussed the work group assignment from the Task Force on August 9:

“It was decided that the Application workgroup will meet prior to the next task force meeting and create a document that identifies applications of AI (i.e. AI use cases) to share out to the subcommittees for their continued work.”

Workgroup Task: Example Use Cases (and associated terms and definitions)

In preparation for the Applications Workgroup meeting on August 19, workgroup members developed a draft list of examples of use cases in a variety of program areas including:

- Health/Human Svcs
- Public Safety
- Criminal Justice
- Transportation
- Employment/Unemployment
- Housing/Homelessness
- Natural Resource Management/Regulation
- Education
- Financial Services/Insurance
- Taxation

As the focus of the Task Force’s work is to identify AI related terms and definitions, Application Workgroup members took the next step of identifying AI related terms and definitions in each program area/category. To do this on an accelerated timeframe, workgroup members utilized ChatGPT with the following prompt:

- “List the 10 most common terms and definitions related to artificial intelligence in [insert program area/category] use cases. Provide a description of the use case and source information.”

During the August 19, 2024 meeting, workgroup members reviewed a draft use case document and a spreadsheet containing associated terms and definitions, and made the following observations:

1. The draft use case document would benefit from some expansion to include additional program areas/categories (e.g. Technology Innovation; AI development; Biometrics; and Critical Infrastructure).
 - a. **Status:** Those changes have been made with examples of uses cases identified in each additional program area/category
2. A companion use case document should be created to include a set of high risk and low risk use cases for each identified program area.
 - a. **Status:** The companion use case document has been drafted.
 - b. To create this companion use case document on an accelerated timeframe, workgroup members again use ChatGPT with the following prompt:
 - “What are 10 high-risk and 10 low-risk use cases for Artificial Intelligence (AI) solutions in [insert program area/category]?”
3. The general definition of some foundational AI related terms will apply or be sufficient/fit for use in all cases. Some are quite broad (very few exceptions/exemptions) and others are more narrow.
4. Two sets of defined terms that seem to offer the most amount of variability across those included in the spreadsheet are "Artificial Intelligence" and "Artificial Intelligence System" on the one hand, and "High Risk Automated Decision System" and "High Risk Artificial Intelligence System" on the other.
5. Some AI-related terms may appropriately vary and call for slightly nuanced definitions depending on the program area. To highlight these nuances, a subset of terms and definitions should be identified.
 - a. **Status:** An initial set of terms (and associated definitions) have been copied and pasted into a second worksheet within the spreadsheet:
 - Facial Recognition
 - Natural Language Processing (NLP)
 - Predictive Analytics
 - Predictive Maintenance
 - Predictive Modeling
 - Predictive Policing
 - Sentiment Analysis

Next Steps: Report back to the Task Force for feedback and guidance.

Attachments:

- Example Use Cases (General)
- Example Use Cases (High & Low Risk)
- Terms and Definitions Spreadsheet (Tabs: Full list; Subset)