

Terms	Program Area	Definitions	Source	Notes
Facial Recognition	Public Safety	AI technology that scans and identifies individuals based on their facial features, commonly used in public safety for identifying suspects or missing persons.	Federal Bureau of Investigation (FBI) Facial Recognition Overview	ChatGPT generated. Needs verification
Facial Recognition	Criminal Justice	AI technology that analyzes facial features to identify or verify individuals, used in criminal investigations and security surveillance.	Federal Bureau of Investigation (FBI)	ChatGPT generated. Needs verification
Facial Recognition Technology	General Use	AI technology that analyzes facial features to identify or verify an individual's identity, often regulated to protect privacy and prevent misuse.	Washington State SB 6280, 2020	ChatGPT generated. Needs verification
Facial Recognition Technology	General Use	AI technology that analyzes facial features to identify or verify an individual's identity, often regulated to protect privacy and prevent misuse.	Department of Homeland Security (DHS) Privacy Impact Assessments on Facial Recognition	ChatGPT generated. Needs verification
Natural Language Processing (NLP)	General Use	AI technology that enables the analysis and understanding of human language, used in criminal justice for analyzing legal documents, transcripts, and other text data.	National Institute of Standards and Technology (NIST)	ChatGPT generated. Needs verification
Natural Language Processing (NLP)	Public Safety	A branch of AI that enables machines to understand, interpret, and respond to human language, used in public safety for processing emergency calls and social media monitoring for potential threats.	National Institute of Standards and Technology (NIST) NLP in Public Safety	ChatGPT generated. Needs verification
Natural Language Processing (NLP)	Health and Human Services	AI technology that enables computers to understand, interpret, and respond to human language, used in health care for processing clinical notes, patient records, and voice-based interactions.	National Institute of Standards and Technology (NIST)	ChatGPT generated. Needs verification
Natural Language Processing (NLP)	Education	A branch of AI that enables educational software to understand and generate human language, used in chatbots, virtual assistants, and language learning tools.	National Institute of Standards and Technology (NIST) NLP in Education	ChatGPT generated. Needs verification
Natural Language Processing (NLP)	Elections	AI techniques that analyze textual data from speeches, debates, and campaign materials to extract key themes, sentiments, and policy positions.	National Institute of Standards and Technology (NIST) The Journal of Educational Data Mining	ChatGPT generated. Needs verification
Predictive Analytics	Education	AI-driven analysis that predicts future student performance and learning outcomes based on historical data, helping educators intervene early to support struggling students.		ChatGPT generated. Needs verification
Predictive Analytics	Education	The use of AI to analyze data on student performance, enrollment, and behavior to predict future academic outcomes and identify students at risk of dropping out.	The Chronicle of Higher Education	ChatGPT generated. Needs verification
Predictive Analytics	Health and Human Services	The use of AI to analyze historical data to predict future health outcomes, such as the likelihood of disease outbreaks, patient readmissions, or the effectiveness of treatments.	Centers for Disease Control and Prevention (CDC)	ChatGPT generated. Needs verification
Predictive Analytics	Housing and Homelessness	The use of AI to analyze historical data and predict future trends related to homelessness rates, housing demands, and at-risk populations, enabling proactive interventions.	U.S. Department of Housing and Urban Development (HUD)	ChatGPT generated. Needs verification
Predictive Analytics	Taxation	AI tools that forecast tax revenues by analyzing economic indicators, historical data, and current trends, helping governments plan budgets and manage resources.	International Monetary Fund	ChatGPT generated. Needs verification
Predictive Analytics	Labor, Employment, and Unemployment	The use of AI to analyze workforce data and predict future labor needs, helping organizations plan recruitment, training, and retention strategies.	Deloitte Insights	ChatGPT generated. Needs verification
Predictive Maintenance	Transportation	AI techniques used to predict when a vehicle or transportation infrastructure component is likely to fail, allowing for timely maintenance and reducing downtime.	Department of Transportation (DOT) Predictive Maintenance	ChatGPT generated. Needs verification
Predictive Maintenance	Energy	AI techniques that predict when equipment in energy systems will need maintenance, reducing downtime and preventing costly failures. (8) As used in this section, unless the context otherwise requires: (d) "Predictive model" means a process of using mathematical and computational methods that examine current and historical data sets for underlying patterns and calculate the probability of an outcome.	International Energy Agency (IEA)	ChatGPT generated. Needs verification
Predictive Model	General Use	AI-driven models that forecast environmental changes, resource availability, and the impacts of human activities on natural resources, helping in proactive resource management.	Colo. Rev. Stat. §10-3-1104.9 Environmental Protection Agency (EPA)	ChatGPT generated. Needs verification
Predictive Modeling	Natural Resource Management	AI-driven models that forecast the impacts of various land use decisions on urban development, environmental sustainability, and resource management.	National Institute of Standards and Technology (NIST)	ChatGPT generated. Needs verification
Predictive Modeling	Land Use Planning and Management	The use of AI algorithms to analyze historical crime data and identify patterns, allowing law enforcement agencies to predict potential criminal activities and allocate resources more effectively.	National Institute of Justice (NIJ)	ChatGPT generated. Needs verification
Predictive Policing	Public Safety	AI technology that analyzes public opinions and sentiments from social media or surveys regarding housing policies and homelessness interventions.	Harvard Kennedy School - Government Performance Lab	ChatGPT generated. Needs verification
Sentiment Analysis	Housing and Homelessness	AI tools that analyze text data from sources like social media, emails, or documents to detect sentiment, which can be used to identify potential threats or criminal intent.	Harvard Kennedy School - Government Performance Lab	ChatGPT generated. Needs verification
Sentiment Analysis	Criminal Justice	AI technology that analyzes public opinion expressed on social media, news articles, and other platforms to gauge voter sentiment and predict election trends.	Harvard Kennedy School	ChatGPT generated. Needs verification
Sentiment Analysis	Elections	AI tools that analyze public sentiment on tax policies through social media, surveys, and other platforms, helping policymakers understand public opinion and adjust policies accordingly.	Harvard Kennedy School	ChatGPT generated. Needs verification
Sentiment Analysis	Taxation			