

Low
Medium
High

Generative AI
Machine Learning
Natural Language Processing
Computer Vision
Other

Discover
Operate
Retire

Not applied
Partially Applied
Fully Applied

Decision Making and Administrative Action
Analytics and Insights
Workplace Productivity
Image Processing

Service Delivery
Compliance and Fraud Detection
Law Enforcement, Intelligence and Security
Policy and Legal
Scientific
Corporate and Enabling

Discovery
Under Assessment
POC
Waiting approval for delivery
Delivery
Live
Closed
Not Approved/not proceeding

USE CASE NAME	AGENCY IDE	DESCRIPTION	AI TECHNOLOGY TYPE	LIFECYCLE STAGE	STATUS	USE OF TECHNICAL S	DOMAIN	USAGE PATTERN	ACCOUNTABLE USE CASE OWNE	CRITERIA FOR INCLUSION?	Additional Information	RISK RATING	MITIGATIONS APPLIED	RESIDUAL RISK RATING	LAST IMPACT ASSESSMENT DATE	IF HIGH RISK LAST DATE OF REVIEW	IF HIGH RISK DATE FOR NEXT REVIEW
Microsoft Copilot for Microsoft 365	AI1	Microsoft 365 Copilot (paid) is a generative AI capability embedded within the Microsoft 365 environment. It assists ABS staff by generating, summarising, refining and analysing text and information to support day -to-day corporate and executive functions. The business objective is to improve productivity, quality and consistency of written communications, briefing material, and administrative outputs, while reducing manual effort and turnaround times. Scope being evaluated is only use to reduce SES/EA burden, examining harvestable ROI.	Generative AI	Operate	Live	Partially Applied	Corporate and Enabling	Workplace Productivity	Steve Cross, Program Manager, Platforms and Operations - steve.cross@abs.gov.au	All proposed AI use cases in the AI Use Case Register by default		Medium		Low			
Census website Chatbot	AI2	Generative AI chatbot embedded on Census website to provide help and support for the Census. Chatbot uses GPT 5 to form answers from content supplied from ABS	Generative AI	Operate	Live	Partially Applied	Service Delivery	Decision Making and Administrat	s22	All proposed AI use cases in the AI Use Case Register by default		Low	Monitoring and automated alerts Security testing, including jailbreak testing Multiple rounds of content benchmark testing and user testing	Low			
Automated Imagery Recognition (AIR)	AI3	Convolutional Neural Network model trained in-house on aerial imagery used to classify dwellings for Address Register quarterly maintenance.	Computer Vision	Operate	Live	Partially Applied	Service Delivery	Image Processing		All proposed AI use cases in the AI Use Case Register by default		Low		Low			
s47/C	AI4	s47/C	Generative AI	Discover	Discovery		Service Delivery	Workplace Productivity	Stuart Girvan, Program Manager, BDTI - stuart.girvan@abs.gov.au	All proposed AI use cases in the AI Use Case Register by default		Low	s47/E(0) Non Prod Environment only, Limited (controlled) user group, Controlled data, and cyber assessment to be applied.				
Coding of Census data using Machine Learning Models	AI5	12 Machine Learning (ML) models used to code text responses on the Census forms to relevant classifications. Topics included for ML coding in 2026 are: Industry, Occupation, Qualifications (Level and Field of Study), Religion, Ancestry, Country of Birth and Language. Two types of ML models have been developed: Hierarchical Support Vector Machines (HSVM) and (non-generative) Large Language Models (LLM)	Machine Learning	Operate	Live		Scientific	Workplace Productivity	s22	All proposed AI use cases in the AI Use Case Register by default		Low	ML models do not use generative AI and the models were trained in-house on 2021 Census data. No Census data left the ABS environment. The models have gone through a security assessment.	Low			
Whole of Australian Government Coding Service	AI6	Coding of free text responses to elements in a statistical classification This project is further described in the GovAI Use Case Library 1 Whole of Australian Government Occupation Coding Service	Generative AI	Operate	Live		Service Delivery	Analytics and Insights		All proposed AI use cases in the AI Use Case Register by default		Low	Outlined in s47/E(0) See "WoAG Coding Capability_Assessment against the AI Assurance Framework.docx".	Low	Jun-25		
OSCA summarisation of submissions	AI7	Use of Copilot to summarise submissions received for OSCA classification updates	Generative AI	Operate	Live		Service Delivery	Analytics and Insights		All proposed AI use cases in the AI Use Case Register by default							
Business Employment Imputation	AI8	Use an XGBoost gradient-boosted decision tree (Machine learning model) to provide Employment predictions for businesses where we are missing Single Touch Payroll data.	Machine Learning	Discover	Delivery		Service Delivery	Analytics and Insights		All proposed AI use cases in the AI Use Case Register by default		Low	TBC - will link our AI Assurance Framework	Low			
Placeholder for MDIATE use cases	AI9	Methodology Division Innovation and Testing Environment (MDIATE) use cases are experimental (and in an external environment)	Other	Discover	Not Approved/not pro	Not applied	Scientific			All proposed AI use cases in the AI Use Case Register by default		Low	External environment, public data	Low			
Analysis of Free Text Fields (unsupervised)	AI10	SADe-developed pipeline for inputting free-text fields, and performing tasks, such as topic modeling and sentiment analysis, and information extraction (named entity resolution). Not used in any production workflows.	Natural Language Process	Operate	Delivery	Not applied	Service Delivery	Analytics and Insights		All proposed AI use cases in the AI Use Case Register by default		Low	Validation of outputs by humans	Low			
Automation of clerical review in data integration	AI11	Investigation of the usefulness of an XGBoost model to reduce the need for clerical review in some linkage projects	Machine Learning	Discover	Discovery	Not applied	Service Delivery	Workplace Productivity		All proposed AI use cases in the AI Use Case Register by default		Low	Validation of outputs by humans; would be subject to data integration governance arrangements if used in production, including privacy assessments	Low			
s47/E(0)	AI12	s47/E(0)	Other	Discover	Discovery	Not applied	Corporate and Enabling	Workplace Productivity		All proposed AI use cases in the AI Use Case Register by default		Medium	s47/E(0)				
GitHub Copilot	AI13	To address these challenges, the team would like to assess GitHub Copilot as an assistive tool to accelerate test creation, improve code comprehension an s47/E(0)	Machine Learning	Discover	Closed	Partially Applied	Corporate and Enabling	Workplace Productivity		All proposed AI use cases in the AI Use Case Register by default		Medium					
code review ETL Pipelines	AI14	s47/E(0)	Generative AI	Discover	Closed	Not applied	Service Delivery	Analytics and Insights		All proposed AI use cases in the AI Use Case Register by default		Medium	Outputs subject to careful human review and critical evaluation.	Low			
s47/C	AI15	s47/C	Generative AI	Discover	Discovery	Not applied	Corporate and Enabling	Workplace Productivity		All proposed AI use cases in the AI Use Case Register by default							
Employment imputation/prediction	AI16	Use of Machine Learning methods, specifically decision trees, to predict working status in the Census population using PLUDA data	Machine Learning	Discover	Delivery	Not applied	Service Delivery	Analytics and Insights		All proposed AI use cases in the AI Use Case Register by default		Medium	Models trained in-house (in ABS StatsLab environment) without external data or generative AI. Models have undergone consultation with subject matter area experts.	Low			
Machine Learning for survey estimation	AI17	Use of Machine Learning methods in survey estimation and/or imputation processes	Machine Learning	Discover	Discovery	Not applied	Scientific	Analytics and Insights		All proposed AI use cases in the AI Use Case Register by default		Low	Models would be trained in-house without the use of generative AI. The models for estimation would be used in a way that ensures valid estimates can be produced even if the models are not specified correctly.	Low			
Pega Blueprint	AI18	Use of AI to help build prototype User Interfaces in Pega	Generative AI	Discover	Discovery	Not applied	Corporate and Enabling	Workplace Productivity		All proposed AI use cases in the AI Use Case Register by default		Low	Yes, s47/E(0) Key considerations include the sensitivity of data entered into the tool, with controls required to avoid use of sensitive or restricted information. Data is stored and processed within the Australian region s47/E(0)	Low	21/07/2026		
s47/E(0)	AI19	s47/E(0)	Natural Language Process	Operate	Live		Corporate and Enabling	Analytics and Insights		All proposed AI use cases in the AI Use Case Register by default		Low		Low	14/08/2026		
Genesys Cloud Workforce Engagement Management (WEM)	AI20	AI used to predict contact volumes and staffing needs, enabling more accurate workforce planning and improved service levels	Machine Learning	Operate	Live		Corporate and Enabling	Decision Making and Administrat		All proposed AI use cases in the AI Use Case Register by default		Low		Low	14/08/2026		

Genesys Cloud PII Redaction	AI21	AI will analyse customer conversations (voice and text) to automatically detect and redact personal information from interactions	Natural Language Process	Operate	Live		Corporate and Enabling	Workplace Productivity	s22	All proposed AI use cases in the AI Use Case Register by default	s22	Low		Low	14/08/2026		
Pega GenAI	AI22	Use of AI within segregated development environments to assist developers and business analysts with application design, configuration, troubleshooting, and understanding existing solutions.	Generative AI	Discover	Discovery		Corporate and Enabling	Workplace Productivity		All proposed AI use cases in the AI Use Case Register by default		Low		Low	17/08/2026		
Hemingway Editor	AI23	Hemingway Editor is an AI-assisted writing and editing tool that helps assess and suggest improvements for clarity, reading level, tone of voice, grammar and readability.	Generative AI	Discover	Discovery		Corporate and Enabling	Workplace Productivity		All proposed AI use cases in the AI Use Case Register by default		Low		Low	25/08/2026		

DESCRIPTION	Including what the AI does, its business objective and, if applicable, the underpinning product's name
AI TECHNOLOGY TYPE	Generative AI, Machine Learning, Natural Language Processing and/or Computer Vision
LIFECYCLE STAGE	Discover, Operate or Retire. Discover: design, data, train and evaluate. Operate: integrate, deploy and monitor. Retire: decommission.
TECHNICAL STANDARD	Not Applied, Partially Applied or Fully Applied. https://www.digital.gov.au/policy/ai/AI-technical-standard
DOMAIN	https://www.digital.gov.au/ai/ai-in-government-policy/standard-ai-transparency-statements
USAGE PATTERN	https://www.digital.gov.au/ai/ai-in-government-policy/standard-ai-transparency-statements
ACCOUNTABLE USE CASE OWNER	Name, current position and email address (EL2 Minimum)
CRITERIA FOR INCLUSION?	What criteria the use case met to be in scope of the policy (see Appendix C of the policy) https://www.digital.gov.au/ai/ai-in-government-policy/appendices
RISK RATING	Determined through an AI use case impact assessment
RESIDUAL RISK RATING	Determined through an AI use case impact assessment
LAST IMPACT ASSESSMENT DATE	The date when the AI impact assessment was last updated (if applicable)
AI IMPACT ASSESSMENT TOOL	https://www.digital.gov.au/ai/impact-assessment-tool