DataRobot

DataRobot for Government

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DataRobot overview

DataRobot is an end-to-end agentic AI lifecycle platform designed for fusion AI teams, empowering them to maximize impact, minimize risk and optimize cost

Built for AI Leaders, Data Teams, and Developers

70+ GenAI and PredAI patents and innovations developed by DataRobot

500+ World class Engineers and Data Scientists at DataRobot

160k+ DataRobot users across the platform globally

Delivering High-Impact Use Cases

7 U.S. federal agencies reported mission efficiency improvements

3X More efficiency delivering outcomes

50% More retention with manpower

Technology Partners & Integrations

aws ICMP

NVIDIA

snowflake

databricks

ORACLE Cloud Infrastructure

NUTANIX

DataRobot - BLUF

DataRobot provides a full lifecycle AI suite for custom, mission-specific AI/ML applications rapidly develop, test, & curate the best AI components for your needs, and then operate & govern them at enterprise-scale with custom AI experiences

The DataRobot Enterprise AI Suite can be deployed on premises, on a Virtual Private Cloud of your choice, and is also available as part of the OSD Advana environment.

Advana

- DataRobot's full platform capabilities for Predictive AI are operational in Advana (IL5)
   Build, Govern, and Operate Predictive AI
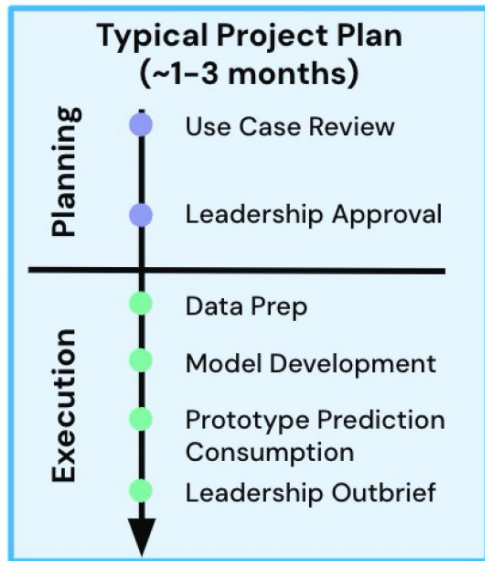
   Advana-DataRobot Cohort Program:
   OSD sponsorship of the DataRobot platform + support services & training

   - "Learn to fish" - coaching to develop & test your own mission-specific **AI**
   - Ability to deploy AI models wherever mission calls or, in Advana (via MIPR)
   Dedicated Production Environments: Navy,
   Army, Marine Corps, Air Force

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Advana DataRobot Cohort Program

Typical Project Plan (~1-3 months)

Planning
- Use Case Review
- Leadership Approval

Execution
- Data Prep
- Model Development
- Prototype Prediction Consumption
- Leadership Outbrief

Expected Outcomes

Achieve successful outcomes on platform evaluation criteria

Secure funding for long-term access to platform and data science support

Purpose: Help DoD organizations explore AI/ML application for their mission area, evaluate the potential value and impact of the DataRobot platform

How does DataRobot support?

- Conduct a kickoff call to finalize use case and success evaluation criteria
- 1–2 weekly 30 minute–1-hour enablement sessions (provide guidance on datasets, model development, and/or dashboard creation)
- Develop an out-brief deck and co-present results to leadership

Cohort Expectations: Who should be involved?

Role	Cohort Responsibilities
Data science or analytics team	Attend weekly enablement sessions and perform hands-on work with the platform
Operations stakeholders	Validate value of ML solution and provide insight on prediction consumption
IT sponsor	Provide technical guidance on integrating with infrastructure and moving model(s) into production
Executive leaders	Review and sign-off on proof of value (POV) outcomes and success criteria; coordinate sustainment

DataRobot and BLADE Use Cases   Active

Ongoing Modeling

Predictive Maintenance

A4LM

Predict the probability of an F-16 mechanical issue AND the potential root cause

Value: Knowing which WUC may be the culprit behind a break provides insight to a maintainer to proactively intervene

B-52 MICAPs

AFSC

Forecast whether parts will MICAP in the next 180 days for the B-52 platform

Value: Provides proactive insight to supply planners to stock parts predicted to MICAP, ultimately reducing TNMCS and improving aircraft availability

Initiating Pilot

TNMCS Rates

AFSC

Forecast TNMCS hours for each month over 12- and 24-mos.

Value: Forecasted TNMCS trends could help allow SMEs to intervene with additional information on which features are driving the forecast upwards

Ongoing Pilot

Aircraft Reliability

AFTC

Predict the probability of an aircraft mechanical issue in the next 5 sorties

Value: Provide insight to production supervisors and avoid unplanned schedule changes which can be time consuming and result in flying schedule breakdown

Completed POV, Paused, and Prospective Groups

Completed POV	**Paused**	**Qualifying**

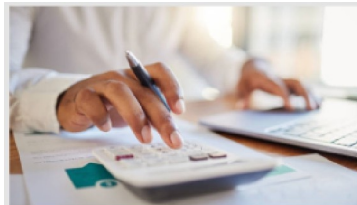**Munitions Expenditure**

ACC

Forecast munitions expenditure over the next 12-months

Value: Inform fiscal year munition allotments needed for training & operational readiness; forecast weapon system maintenance milestones/downtimes

Budget Forecasting

WSS

Forecast budget requirements for five priority programs

Value: Predicting future requirements values could provide input into budget planning and enable teams to experiment with "What-If" scenarios

- **ARM Tesseract**
- **441VSCOS**
- **BAR**
- **635 SCOW**
- 436 seas
- **AETC/A4   AFSOC/ A4 AFLCMC/LG -**
- **DART AFCEC**
- **AFSCOO-ALC**

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DataRobot Enterprise AI Suite

AI Apps

AI CONSUMERS

Business Users

Executives

| Supply & Logistics | Personnel | Programs & Resources | Operations | Sensors & Surveillance | Fraud & Waste | And much more |

| Data Analysis & Forecasting | Digital Assistants | Predictive Content Generation | Content Summarization | Agentic Flows |

AI Platform

AI OPERATORS

ML Engineers

AI Engineers

DevOps

IT & Infosec

AI DEVELOPERS

Data Engineers

Data Scientists

Data Analysts

Software Developers

Generative AI

Predictive AI

AI Observability

AI Governance

AI Foundation

On-Premise   Virtual Private Cloud   Software As a Service

Inaccurate predictions are costly for high-stakes decisions

HIGH-RISK CONTRACTS

$520B

Of estimated annual federal government loses to fraud

BOOT CAMP ATTRITION

12%

Of recruits fail to complete the basic training

OPERATIONAL READINESS

2/3

Of DoD, Aviation, and Rail Organizations experience
fleet downtime

Sources:
Government Accountability Office, liveabout.com, BusinessWire

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High value AI use cases for federal agencies

Unliquidated obligation and contract optimization

- Leverage AI insights to spot surplus funds in contracts to redeploy.

Fraud, waste and abuse detection

- Detect and act on anomalies in high-risk contracts in real time to prevent fraud.

Advanced talent management and manpower readiness

- Optimize recruitment, predicting readiness and ft to improve retention.

Operational efficiency and predictive maintenance

- Forecast maintenance needs, prevent equipment failures, & reduce downtime.

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Invest Once, Deploy Multiple AI Solutions

Chief of Staff `x0`
- Financial Agility with Re-Claiming Funds - Personnel/equipment demand - Predictive analytics for better recruiting - Workforce Management - Readiness

Personnel `x1`
- Employee / Recruit Retention - Recruitment Selection Criteria - Hiring Acceleration - Staffing Level Planning - PCS/Movement Planning - Travel Reimbursement

Intelligence `x2`
- Prediction of Adversary Behavior - Pattern Recognition - Report Classification - Characterization of movement (people, vehicles, ships, etc) - Alerts to abnormal situations and signals (e.g. GNSS Interference)

Operations `x3`
- Supply and/or Demand forecasting (people, equipment, locations) - Identification and Classification - Automated alerts from multi-sensor inputs

Logistics `x4`
- Inventory Management & Forecasting - Supply Chain Vulnerability Mgmt - Resource Utilization - Predictive/Unscheduled Maintenance - Forecasting Volume - Fleet Readiness - Sensor Failures

Plans `x5`
- Mission Planning - Demand forecasting (people, equipment, locations) - Supply forecasting - Late Shipments - Resource Utilization

OCIO `x6`
- AIOps & DC PPMx - Help Ticket Routing - Phishing Website Prediction - Vuln Management - Insider Threat ID & Surveillance - System Compromises - Network Intrusion - Open Source Risk Scoring

Training & Exercise `x7`
- Prediction of Under Execution & Cost Recovery - Predictive Maintenance - Energy Usage & Emissions Surveillance, Management and Optimization

Programs/Resources `x8`
- Unliquidated Obligations - Program Cost Prediction - Fraud, Waste & Abuse Detection - Anti-Money Laundering - Unmatched Transactions - GPC Fraud - Improper Payments

JIACG/Other `x9`
- Traffic Pattern Tracking - Disease Prediction - Fraud Detection / Prevention - Cleaning dirty data - RPA Enablement - Energy & Utility Management

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DataRobot is an **end-to-end agentic AI platform** and a **suite of agentic AI applications** designed for fusion AI teams—empowering them to **maximize impact**, **reduce risk** and **optimize costs**

Apps & Agents	Predictive & GenAI	Agentic AI	Deploy & Govern
Templated Apps & Agents	Model Blueprints – develop, test, compare, tune models	Agent orchestrator & optimizer	AI asset catalog and monitor

Observability & Governance

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What makes DataRobot different?

Enterprise Applications

Foundational Agents	Business Agents	Custom Agents

E2E Agentic AI Platform

Develop	Deliver	Govern
Orchestrate & Optimize		

LLMs, AI Tools, and Infrastructure
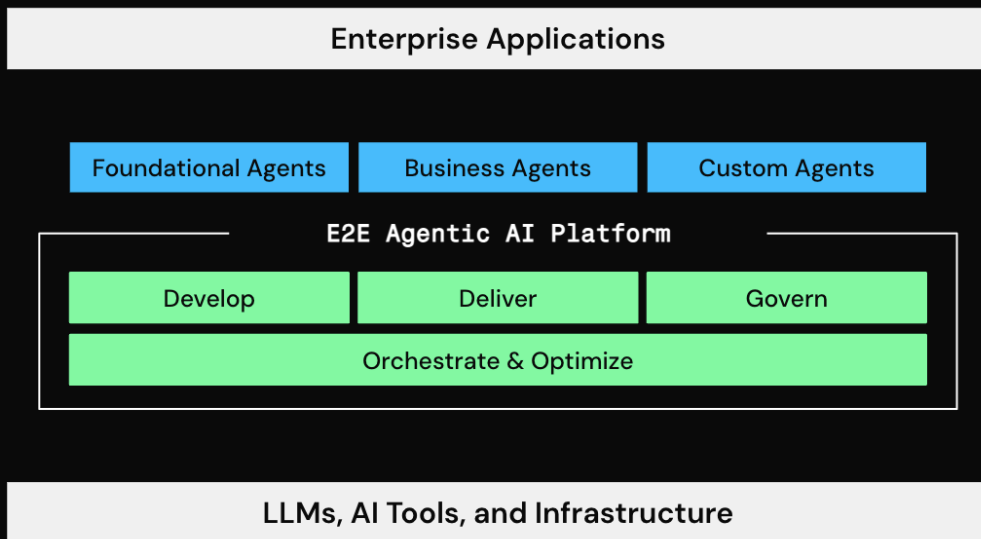
Impactful enterprise-grade agents

- Complex, high-value agents
- Business, role, and use case specific
- Integration into the business fabric

Manage AI sprawl; consolidate tools

- E2E lifecycle mgmt; capex + opex efficiencies
- Optionality of models, tools, and environments
- Optimize across accuracy, latency, and cost

Deploy AI safely into production

- Built-in observability & governance
- Real time moderation and intervention
- End-to-end AI traceability and tracking
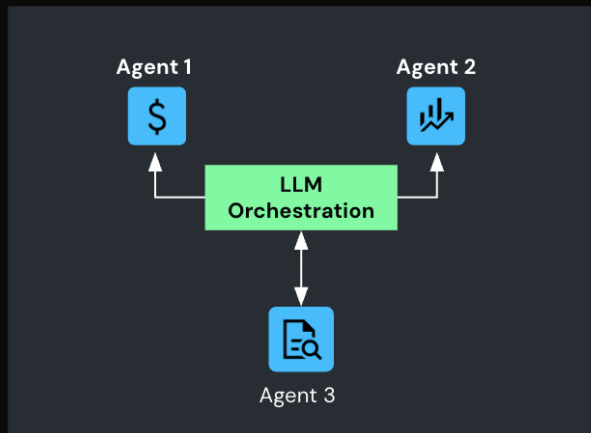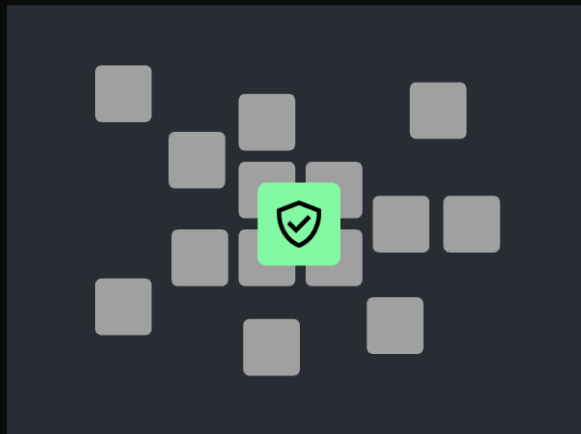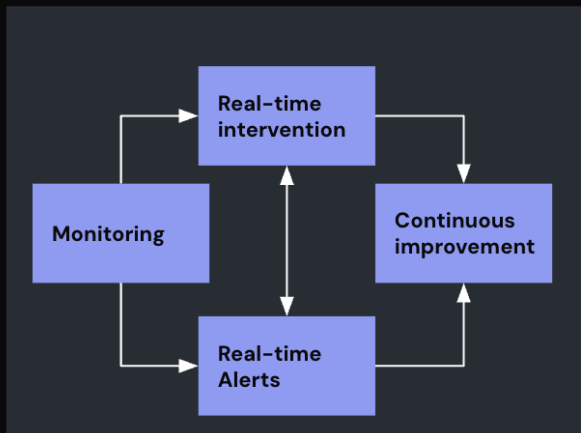
■ GET STARTED TODAY

Discover the full platform with our hands-on guidance 🚀

https://datarobot.com/fed-demo

Demo

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