AI Applications Across The Grants Cycle

The potential for AI to revolutionize grants management spans the entire lifecycle, from pre-award to post-award stages. Let's explore some key use cases thatdemonstrate how AI can enhance staff productivity, improve grantee experience, deliver faster and more relevant insights, and mitigate risks.

Pre-Award Stage
An Intelligent Approach to:

Search Grants
Helps potential grantees find relevant opportunities even if exact phrases aren't used in the search.

Applicant Service
Provides 24/7 AI chatbot-enabled applicant support while letting staff handle more complex queries.

Personalized Grant Recommendations
Proactively recommends opportunities based on applicant profile and past submissions.

Automated Reviews
Automates routine tasks such as initial eligibility checks, document verification, and data entry to speed up the application process.

Award Stage
AI-Driven or Assisted:

Proposal Evaluation
Helps ensure consistency in evaluation across reviewers by analyzing mission fit, impact, and feasibility of applications.

Reviewer-Proposal Matching
Matches grant proposals to peer reviewers, ensuring each application is reviewed by the most qualified experts for accurate and fair assessments.

Review Summaries
Saves time for decision makers by analyzing and summarizing review documents, identifying consensus/disagreements, and ensuring all crucial feedback is captured.

Post-Award Stage
An Intelligent Approach to:

Grant Performance Analytics
Analyzes historical grant data to forecast potential risks, such as identifying grantees at risk of non-compliance, predicting budget overruns, or highlighting projects needing additional support.

Grant Performance Reporting & Visualization
Helps agency leaders to make data-driven decisions by generating comprehensive reports using advanced visualization techniques to present information in easily digestible formats. Improves grantee success rates and strengthens relationships between agencies and recipients by providing real-time updates on grant status, deadlines, and tailored resources.

Grant Monitoring & Risk Management
Enables agencies to address issues early by flagging patterns in compliance and audits that may indicate fraud, waste, or abuse, protecting taxpayer dollars and ensuring program integrity.

Grant Program Evaluation
Analyzes structured and unstructured data, including from unconventional sources like social media along with program-specific and economic indicators to measure impact and inform future funding decisions.

Grants' Compliance
Reviews grantee reports and communications to ensure compliance with program requirements, flagging missing information or inconsistencies, allowing agency staff to focus their attention on more critical issues.

Virtual Site Visits
Identifies sites to be prioritized for virtual visits and enhance the virtual site visit experience to assess compliance and performance, thus optimizing the use of limited physical inspections capacity.