1012 Solutions®

ARTIFICIAL INTELLIGENCE (AI) STRATEGY

While cutting-edge AI technology and talent are needed, it's equally important to align the organization's culture, structure, and ways of working to support broad AI adoption. AI Innovation for its own sake is not the goal, but a methodical incremental approach is needed to achieve quick wins and long-term success.

Governing Approach

HUB:
- Culturization Strategy
- Standards, Processes, Policies
- Funding & Budgeting
- Recruiting & Training Strategy
- Performance Assessment
- Talent Management
- External Partnerships

SPOKE:
- Oversight of Execution Teams
- Solution Adoption
- Performance Tracking
- Project Direction

GRAY:
- Data Architecture, Data Strategy, Code Development
- User Experience
- IT Infrastructure

EXECUTION TEAMS:
- Product Owner
- Analytics Translator
- Data Scientist
- Data Engineer
- Data Architect
- User-Interface Designer
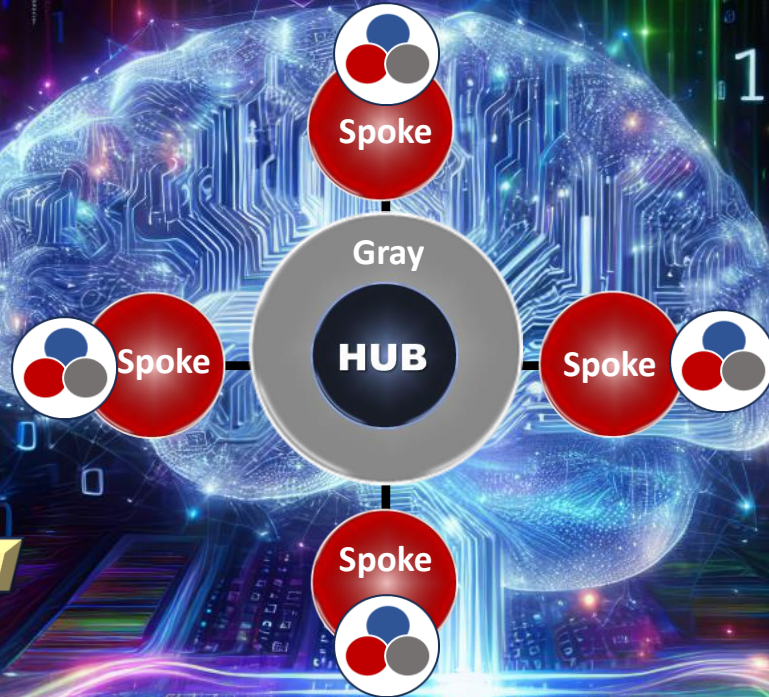- Visualization Specialist

Strategic Communication & Incentivization

- AI Vision & Culturization Strategy
- AI SharePoint Site
- Business Cases, Business Models, Business Plans
- Bi-weekly Updates
- Award Incentivization & Recognition Programs

Security & Ethics

- Secured Platforms (Actual and Development Environments) and Secure Data
- Codify AI principles and policies into governance frameworks in order to embed critical checks and balances as adoption expands.
- Determine what decisions or processes are not appropriate or too risky for full automation. Determine where is human oversight still essential?
- Assign accountable officer for AI monitoring, retraining and model updates post-deployment?

Execution Teams

Spoke · Spoke · Spoke · Spoke

Gray

HUB

Infrastructure

- Platform to Manage Data (secured and ultra-secured)
- Development Environment (Code reviewed by senior software engineers)
- Cloud infrastructure and data warehouses
- Tools - notebooks, model repositories, MLOps pipelines
- External staff augmentation
- Relevant research libraries and pretrained foundations

Training & Talent Management

- Initial Command Assessment
- Employee Onboarding
- Executive Immersion
- Rubric (Novice to Master Specialist)
- General In-Person Training
- Micro-Learning
- Speaker Series
- AI Human Specialist Certification

Command Center of Excellence

- A robust data governance framework ensuring secure and efficient data management
- Integrated data ecosystem for collecting, storing, and organizing information for algorithm training
- A foundation facilitating Agile decision making and continuous business process redesign
- Work hand in hand with third-party experts, acquire new skills, continuously improve AI performance, and test new concepts