

From Kickoff to Endgame: Making Alliant more AI-lliant



Motivation, Use Cases, Lessons Learned, and
Future Outlook

Intros



Derek Hollingshead
Manager, Enterprise Analytics
Alliant Energy



Naveen VK
Technical Directory
nvisia

Agenda



MOTIVATION



USE CASES

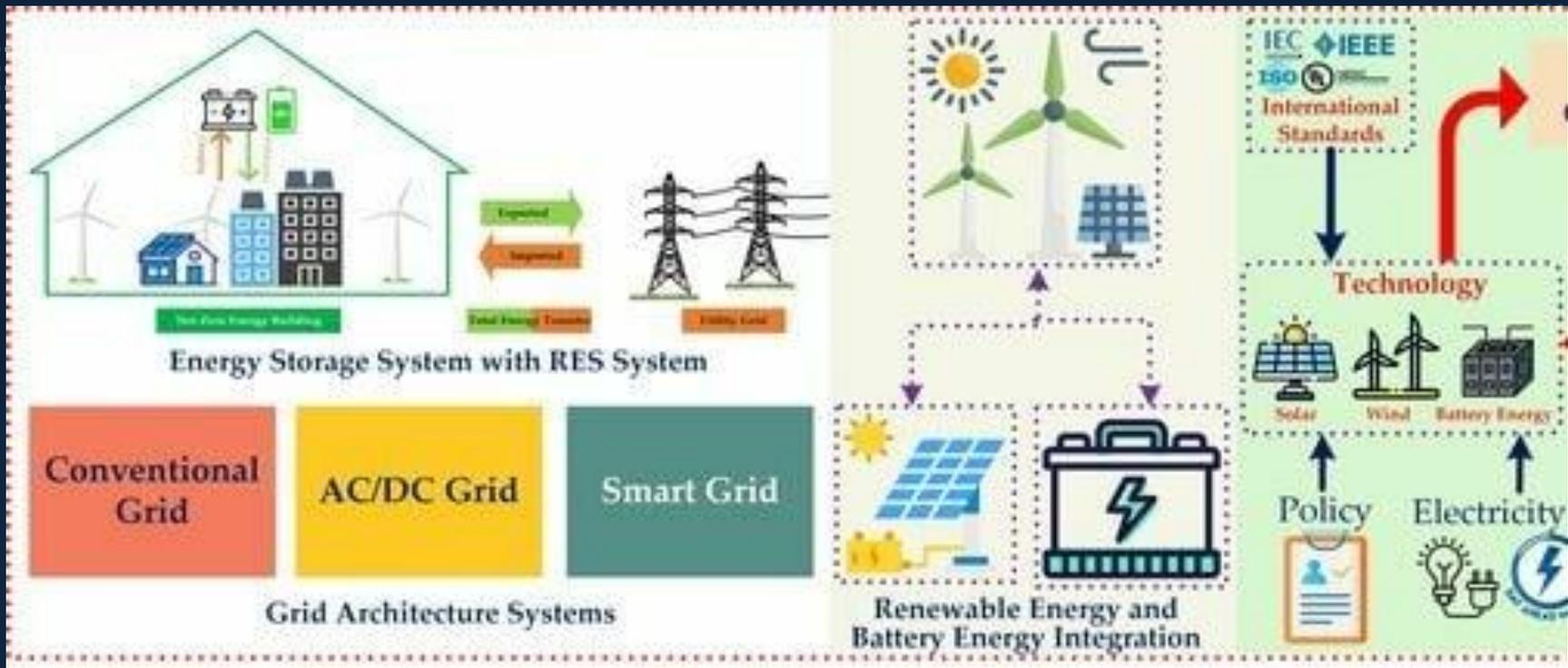


LESSONS
LEARNED



FUTURE
OUTLOOK





Motivation for Using AI

- Complexity
 - Distributed, intermittent assets: Solar, Wind, EVs
- Volume
 - Humans cannot manage the data deluge from smart meters, grid sensors
- Efficiency gains
- Innovation and competitive advantage

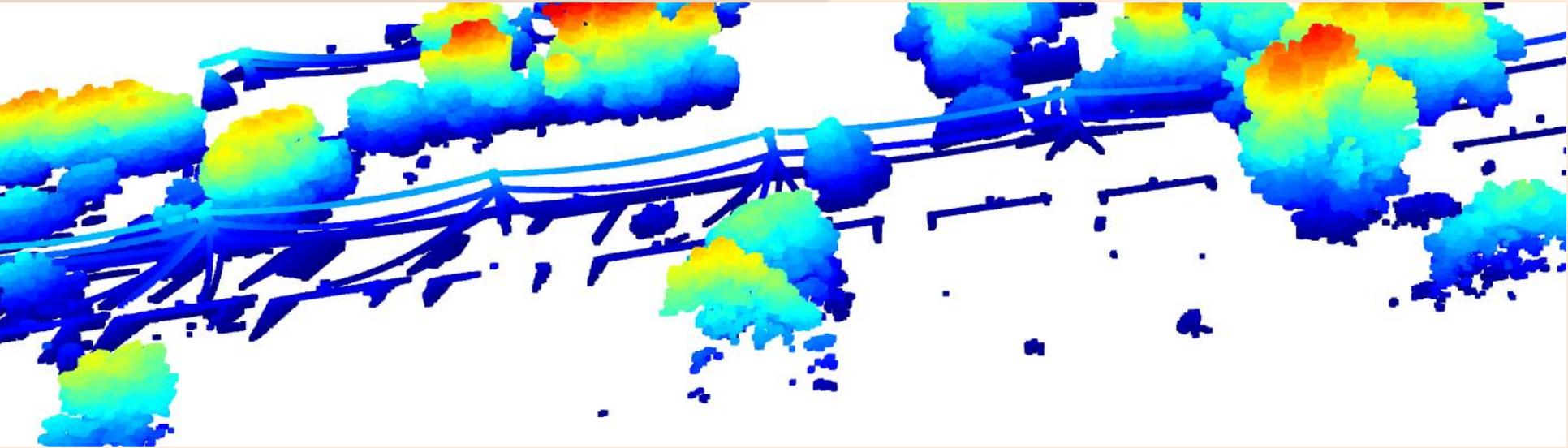


Key AI Use Cases

- Copilot Studio for low-code / no-code agent creation
- ARDES
- CINQM
- TreeSwift
- Predictive maintenance using asset data
- Real-time monitoring and anomaly detection



TreeSwift



Input

- LiDAR
- Video
- GPS
- Audio

Technique

- Computer Vision
- Analytics
- Machine Learning

Business Outcome

- Vegetation Management
- GIS Validation
- Anomaly Detection
- Preventative Maintenance



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CINQM - Customer Management Inquiry System



Challenge

Economic Development staff digs through files, relying on memory to answer questions about **available land, energy capacity**



Solution

Centralize data in one secure location
Enable Microsoft Teams assistant to search for quick, accurate answers



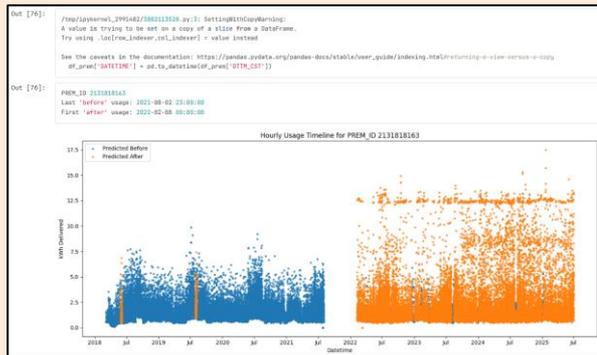
Impact

Fast turnaround for enterprise enquiries
Consistent, reliable answers
Better use of staff's time, focus more on strategic work
Improved experience for businesses considering investment

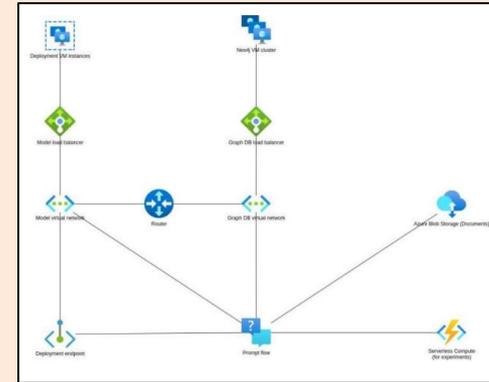


AI Enablement at Multiple Levels

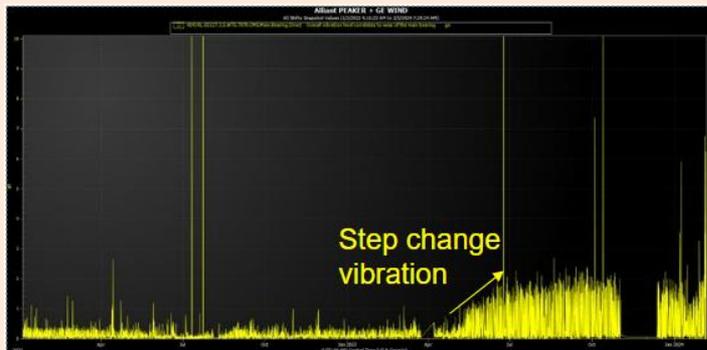
Traditional ML



Generative



Purchased



Low Code / No Code

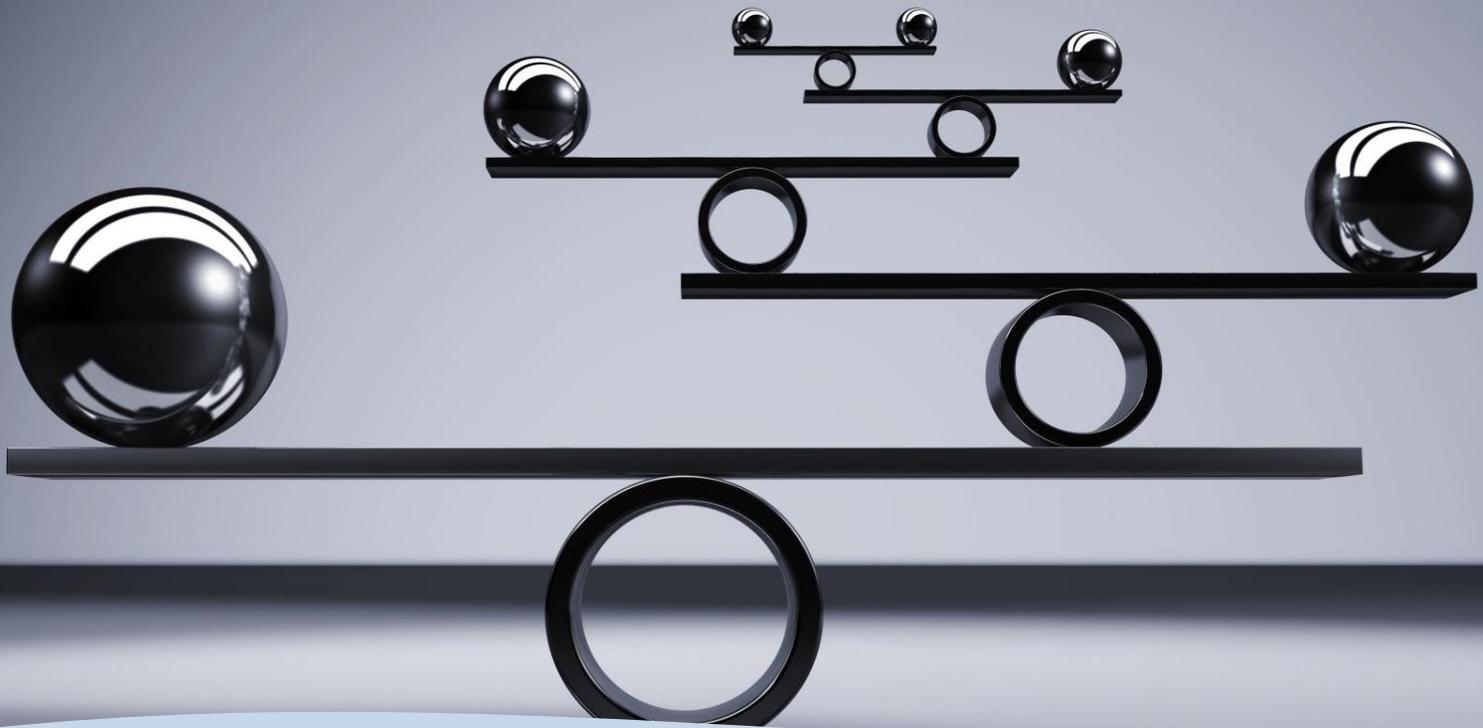
Describe your agent to create it

Helpdesk Expense tracking HR and benefits

Use everyday words to describe what your agent should do

Name	Type	Last modified	Last published	Owner	Protection status
Career Coach	Agent	Derek Hollingshead...	29 days ago	Derek Hollingshead	Protected
Scrumble: AGILE Agent	Agent	# Microsoft Copilot 5...	1 month ago	Derek Hollingshead	Protected





Lessons Learned



Cost vs. benefit must be carefully evaluated



Gaps in data readiness, cloud skills, shared knowledge



Additional security considerations and governance



Future Outlook

AI is essential — no longer optional

Growth is exponential — months compress to days

Continuous evaluation of AI ROI is necessary

