

12 Top Trending Generative Al Use Cases

Power Over Your Portfolio





HVAC optimization



Al algorithms predict future heating/cooling needs based on weather, occupancy, etc. Allows HVAC systems to pre-heat/cool spaces right before occupancy and adjust setpoints to minimize runtime. Can deliver 60% HVAC energy savings without affecting comfort.



Performance benchmarking and KPI tracking



Utilizing AI to establish dynamic benchmarks and track performance metrics, facilitating continuous improvement



Fault detection & diagnostics



ML models trained on healthy vs. faulty equipment behavior can detect early performance deviations indicative of developing issues. Enables proactive repairs.





Platforms aggregate sensor data to provide real-time analysis, benchmarking, and alerts related to metrics like CO₂, VOCs, and humidity levels.

Cyber incident response



Al-driven orchestration for rapid response to security breaches, minimizing damage and downtime.



Maintenance scheduling



Rather than fixed intervals, AI accurately predicts best timing for asset servicing based on the likelihood of failure. More efficient than fixed schedules.



Automated sustainability reporting



Al automates the collection and analysis of data across building systems, generating comprehensive sustainability reports aligned with global standards.

OT asset inventory



Al pattern recognition to identify operational technology based on communication patterns, device profile elements and growing inventory of device patterns.



9 Training AI



Use an in-house Chat GPT-like AI, sourcing all Facilities Management documents (HR, health and safety data, policies procedures, instructions, work orders) to ask questions about process, responses and actions to guide facilities management training.





Combines advanced FDD with analysis of historical maintenance data, seasonal trends, and occupancy to predict and consolidate maintenance needs, reducing downtime and operational costs while improving efficiency.





Analyzes a broad set of variables such as region, management, weather, and occupancy to identify performance trends. Recommends changes to enhance the performance and efficiency of the building portfolio.





Al can analyze work orders, maintenance schedule, emails, calendar events, and project management tools to automatically identify tasks and deadlines. It can then organize these tasks into a centralized dashboard, categorizing them based on urgency, importance, and dependencies.

INTELLIGENT

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