

Intelligent Insights for Energy and Utility providers powered by Data Discovery Platform on Microsoft Azure



Energy and Utilities apps on DDP

The intuitive suite of apps hosted on Data Discovery Platform which range from analyzing asset data, customer data, operations and process data to aid energy and utility providers optimize their business and stay ahead of detecting any unplanned downtime. Cost optimization, high asset availability, smoother operations and better understanding of customer are some of the key areas these apps help with insights on.

WHAT WE OFFER



Know your Customer

- Billing analytics
- Call center analytics
- Engagement analytics
- Churn analytics
- Segmentation
- NPS analytics



Predictive Asset Maintenance

- Survival model for PC pumps
- Anomaly detection
- Conductor/transformer analysis
- Pumps/motor analytics
- Real time drilling analytics



Operational analytics

- Work order analytics
- Situational awareness
- Predictive risk intelligence manger
- Mining productivity analytics



Industries supported

- Oil and Gas
- Utilities (Water and Power)
- Mining
- Airports
- Engineering and construction

How it has helped some of our customers

For an electric distribution company - Failure Prediction improving survival rates for some transformers by up-to 3 months due to proactive maintenance plans

For an Oil major - Model picks up anomalies with 0.05 changes in threshold values of Std. deviation Individual day wise failure propensity window for next 14 days (red/green)

For a mining customer – Insights through behavioral analysis of operators and its impact on status of machines, thereby increasing survival rate of operations by 30%.

For a power utility provider – NPS analytics to arrive at lead indicator shortlist for moving detractor and passive customer base towards promoter category with mapping to specific services availed.

For a leading airport authority - Enhanced decision making and recommendation engine enabled in areas of product, passenger, discounts and demand.



Microsoft Azure

Microsoft Azure is an ever-expanding set of cloud computing services to help your organization meet its business challenges. With Azure, your business or organization has the freedom to build, manage, and deploy applications on a massive, global network using your preferred tools and frameworks.



WHY AZURE



Be future-ready

Continuous innovation from Microsoft supports your development today and your product visions for tomorrow. With 1,000+ new capabilities in the past year, you can build on the latest advancements in AI, blockchain, Kubernetes, containers, and databases to keep you ahead of the curve.

Our enterprise-grade analytics solution outperforms the competition, costs less, and is fully compatible with your existing development, BI, and data science tools.



Build on your terms

You have choices. With our commitment to open source and support for all languages and frameworks, you can build and deploy how you want to. Take advantage of the full-featured, integrated development environments with built-in support for Visual Studio and Visual Studio Code, the most popular IDEs trusted by 15M+ developers.

We embrace open source, drive innovation through collaboration, and contribute back to the community.



Operate hybrid seamlessly

On-premises, in the cloud, and at the edge—we'll meet you where you are. Integrate and manage your environments with tools and services designed for hybrid cloud.

Enhance security, simplify access, and set smart policies across your different environments with a single identity platform trusted by 90 percent of enterprises globally.



Trust your cloud

Get security from the ground up, backed by a team of experts, and proactive compliance trusted by enterprises, governments, and startups.

With its \$1B+ investment in security R&D and 3,500 cybersecurity experts, security is foundational for Azure.