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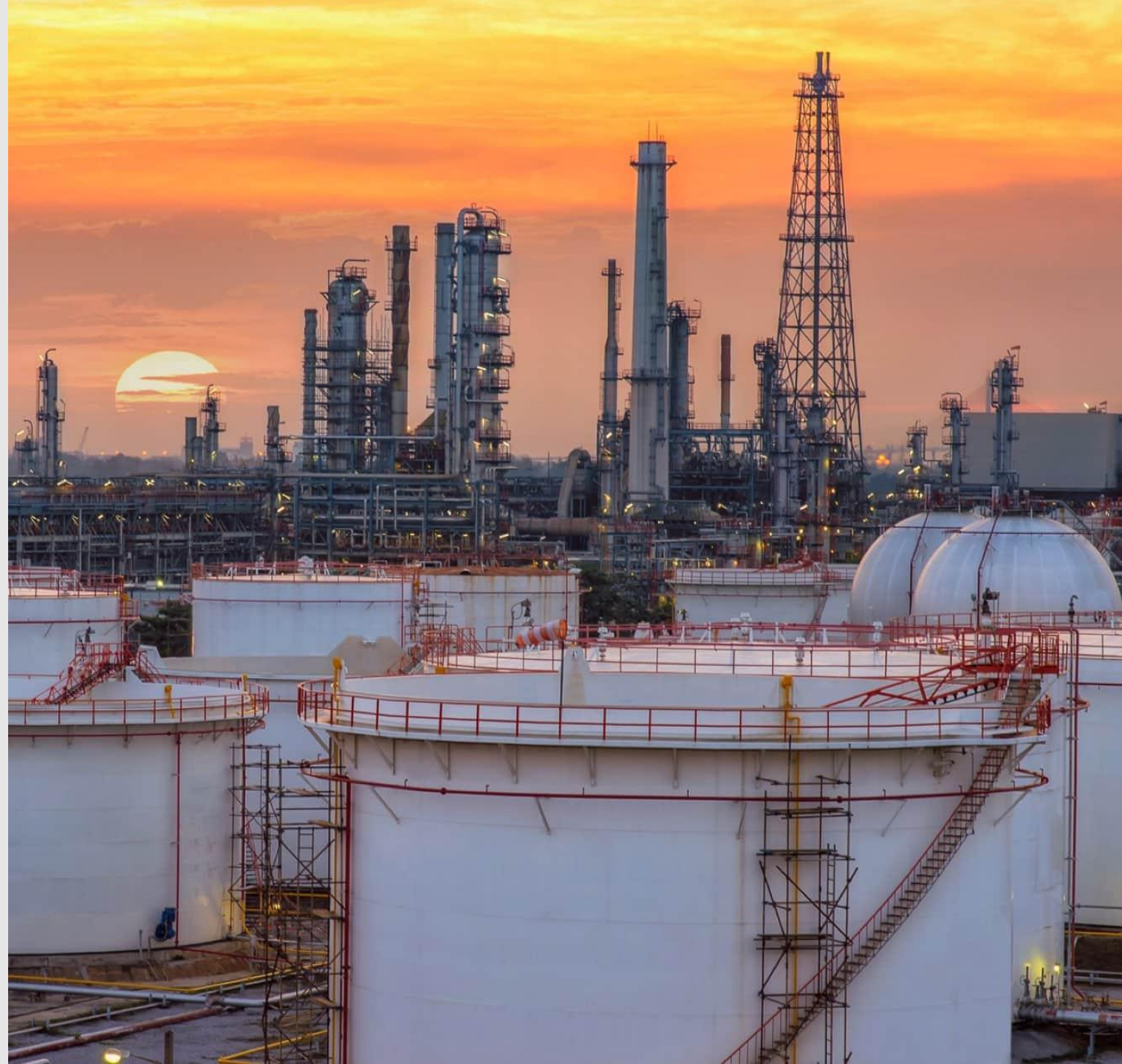
Data Discovery Platform

https://www.wipro.com/analytics/data-discovery-platform/

Prerogatives for a new era in Energy, Natural Resources and Utilities

Asset management, operational efficiency, customer engagement and process improvements have been at the forefront of the industry for a while now. With improved focus on climate change and revised regulatory frameworks and increased customer interactions there is a paradigm shift in the way our customers operate.

CHALLENGES

Increased regulatory and governance frameworks, operational spends spike up due to intermittent asset availability, macroeconomics have impacted companies that focus on cost cutting, data collected not being fully utilized to address business challenges and foresee risks.

IDEAL SOLUTION

Data driven solutions which cover the aspect of predictive insights into asset failures, notifications on potential non-compliance, intelligent assessment of customer personas to engage with them in a newer way, embrace the power of cloud, digital, IoT and analytics to transform the enterprise into an Intelligent Enterprise.

DESIRED OUTCOMES

Intuitive single pane of glass for monitoring the asset and network, reduced TCO, improved CLTV, efficient supply chain and operational excellence.

Smart Energy and Intelligent Utilities

Data Discovery Platform

The suite of apps on the Data Discovery Platform empower industries likes energy, power and water utilities, mining, airports and construction to make better decisions which are pertinent to their business and quicker. The apps are ML backed and derive specific KPIs/KRAs that will indicate well in advance any preventive measures to be applied.

KEY SOLUTION FEATURES

- Customer analytics for managing payments, engagement and complaints
- Asset analytics to monitor, identify and flag off anomalies
- Operational analytics for cost effectiveness and resource handling
- Process intelligence to predict supply chain issues

SOLUTION BENEFITS

- Intelligent processes and operations
- Connected view of assets ensuring high availability
- Single pane of glass for org wide analytics
- AI infusion through digital process transformation

MICROSOFT INTEGRATION BENEFIT

- End to end analytical technology stack
- Out-of-the-box cognitive API s
- Scalability and ease of integration
- Priority support and high skill availability

Smart Energy and Intelligent Utilities powered by Data Discovery Platform built on Microsoft Azure

Predictive Asset Maintenance

Monitor, manage and prevent asset failures through IoT and service history based operational inputs

Real time drilling and asset analytics

Edge analytics powering on the fly decision making by continuous assessment of assets and network in real time

Compliance and Regulation

Adhere to regulatory norms through predictive insights on potential breach of governance thresholds and auto-triggers for preventive actions

Operational analytics

Job cost analysis, skill analysis and mapping to appropriate work orders, analyzing priority levels made easy through intuitive apps

Demand forecasting for wellhead spares

Forecasting demand for accessories and tubing based on changes in oil prices and functional rigs to better manage demand/supply gap

Customer Intelligence

Timely insights on customer complaints, engagement, preferences and satisfaction levels using CRM and survey data

Smart Energy and Intelligent Utilities powered by Wipro's Data Discovery Platform

Ask a question via email: gtm-ps@wipro365.onmicrosoft.com

Learn more: https://www.wipro.com/analytics/data-discovery-platform/