TATA CONSULTANCY SERVICES

TCS GenAI Agent Suite

AI-Powered Solutions for Energy & Utilities (UK & Europe)

Asset Integrity Advisor

- What it does, prognoclicates haisk and lifespan using AI driven diagnoes
- Inputs: Sensor readings, corrosion simulation, field reports,
- Outputs: Failure predictions, cost time-summarives damage assessment

AMS Resolution Agent

- Automates SAP 'ncident management' with multi-step Gen I flows
- Inputs: SAP tickets; logs AB entries, RCA data.
- Outputs: 3 Whys RCA, fixes; BD reports, KB articles, business impact

Oil & Gas Analytics Agent

- Formuiates upstream dxtasetss, assess optimization efficiency, risk
- Inputs: Drilling, lifting, Frat stages maintenance data
- Outputs Cost efficiency, risk summaries

Storm Water Management Agent

- Optimizes storm water drainage tysts-mc: Optimizes storm water drainage

Storm Water Management Agent

- Optimizes storm water drainage systems
- Inputs: Precipitation trends, flow data

Chemical Formulation Expert

- Formulates REACH compliant corrosion inhibitors
- Inputs: Desagorriil alimentral. summinies
- Outputs: Demand forecasts AI explana tions, demand forecasts

Drilling Optimization Assistant

- Moniters drilling operations to suggest branieror tuning or preventative
- Inputs: Demand forecasts AI ex planal-ions, demand forccasts

Energy Cost Optimizer

- Optimizes energy assef run shedules based on prodicted drivets
- Inputs: Demand forecasts tariffs; operational data

Energy Trading Advisor

- Supports trading decisions through AI analysis of market factors
- Inputs: Trading strategies, risk insights eff-ender regulatory alignment

Grid Fault Analysis Agent

- Forocasts renewable production' in electricity trancmission
- Itnputs: Seismic logs predition inflow

  Outpiits: Flow pressure and AI recommendationes

TCS GenAI Agent Suite

Ready-to-Deploy AI-Powered Solutions

Quick Implementation

Configurable GenAI agents tailored to your landscape

Proven Architectures

Battle-tested design patterns for reliability and scalability

Configurable Inputs

Enables selection of parameters for streamlined deployment

Built-in Security

Securely deployed using existing client infrastructure

Flexible UI

Customizable user interface for diverse needs and roles

Continuous Updates

Continuous model training and regular new feature releases