ENERGY – DRILLING OPERATIONS

Smarter Drilling. Better Returns.

Modernizing oil drilling operations & performance reporting

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OVERVIEW - Upstream Oil & Gas Operator sought to modernize its drilling operations and performance reporting through the development of a drilling scorecard. The goal was to create a dashboard that would allow them to analyze past drilling operations, identify inefficiencies, and make informed decisions to improve future operations.

CHALLENGES

- The use case lacked hard financial goals, making it difficult to demonstrate tangible improvements in operational efficiency, cost reduction, or revenue increase.
- The project was initially developed by an external engineer, leading to a lack of control over the development process and misalignment with business objectives.
- The high cost of Palantir and RANGR Data services, coupled with the expiration of the Palantir license, led the company to forgo further commitments.

SOLUTIONS

- The project aimed to build a dashboard to distill and understand drilling operations, enabling better decision-making.
- An AI function was included to summarize logs from drilling sites, highlighting key actions and delays.

TECH STACK - The project involved the use of Palantir Foundry for data integration and dashboard development.

OUTCOMES

▼ The dashboard provided insights into drilling operations but did not result in significant operational gains due to its lack of alignment with business objectives.

▼ The absence of measurable financial goals in the use case made it challenging to justify the costs associated with the project.