

AIGC Solutions – Optimization and Modeling

Case Study: Scheduling Model Vital to Digital Transformation

The Opportunity



An Asian Oil Refiner considered a centralized scheduling system a top priority for the digital transformation and wanted to streamline it.

The Approach

They used a production scheduling tool that provides a single integrated scheduling platform connecting all schedulers and optimizes many blending components. It was fully integrated with planning models where it reduces the gap between Plan vs. Schedule vs. Actual.

The Benefit

- The production scheduling tool adopted for digital transformation offers a single scheduling platform integrated with all other scheduling platforms.
- Digital transformation also helped to segregate crudes in “batches,” thus improving operational stability.
- When combined with all other schedulers, the tool also helps predict conversion yields an intermediate stream property.