



TRACK:

DIGITALIZATION

(Data Analytics & IT Infrastructure)

SERVICE:

ADVANCED DATA ANALYTICS



OPPORTUNITY

Conducting data-driven analysis to determine functional business decisions

KEY PROJECT ACTIVITIES

- **Business and Data Understanding:** Analyze quality of available data and specify the technical data inputs (sources) for data analysis reports. Define the data modeling techniques (e.g. optimization or simulation)
- **Data Extraction and Preparation:** Querying and cleaning of relevant data points in order to prepare for more accurate analysis/modeling
- **Data Modeling:** Application of relevant analytical techniques and algorithms (e.g. time series, linear programming, supervised machine learning) to reach the desired analysis output with available data inputs
- **Model Evaluation:** Further validation of model's accuracy and definition of its statistical confidence
- **Business intelligence (BI) Report Development:** Interpretation and visualization of relevant business takeaways supported by data points, contextual cues and assumptions in order to inform key decision making

KEY DELIVERABLES

- ✓ Data model/algorithm to be implemented in operations
- ✓ Strategic-decision description or prescriptive BI report
- ✓ Process simulation model

TIMELINE:

6-16

Weeks

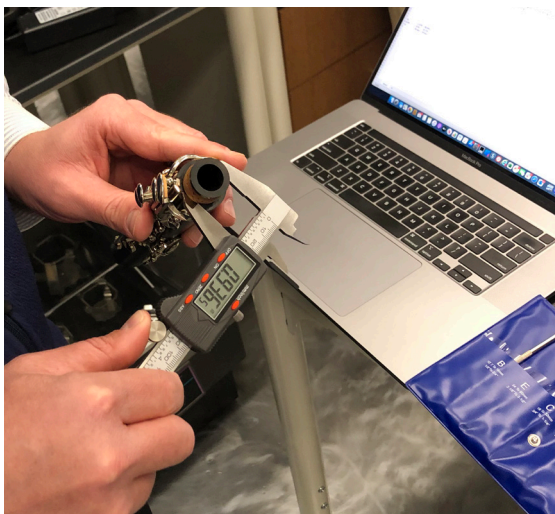
KEY PARTNERS:



SUCCESS STORIES:

*Scheduling
Optimization*

*Inventory
Rationalization*



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