COMPANIES LOGO

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VERSION TYPE

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# Executive Summary

## Proof-of-Concepts (POCs)

* **POC1: Forecast Tanker spot rates**
* **POC2: Project Haystack**
* **(POC3:) Use Case: Chartering Decision Support**

## POC Results & Deliveries

* **POC1: Forecast Tanker spot rates**
* **POC2: Project Haystack**

## Recommendations

## Conclusions

# Background and context

## Project background and context

## Project Team

## The Project Team Wish List

## Project Timeline

## Project deliverables

## Use Cases identified at the workshop

|  |  |  |
| --- | --- | --- |
| **Workshops** | **Purpose** | **Deliverables** |
| **Kick off** |  |  |
|  |
|  |
| **Opportunity Identification** |  |  |
|  |  |
|  |  |
| **Business Understanding Workshops** |  |  |
| **Data Understanding Workshops** |  |
|  |
| **Explore** |  |
| **Demo** |  |
|
| **Findings** |  |
|
| **Project Closure** |  |  |

Table 1: Project Deliverables

# Problem description POC 1: Forecast Tanker Spot Rates

## Summary:

## Hypothesis:

## Data:

## Evaluation Metrics & testing:

## Solution requirements specification:

## Complexity & Business value:

# Problem description POC 2: Project Haystack

## Summary:

## Hypothesis:

**Main:**

## Data:

**Storage:**

**Size:**

**Confidentiality/Security level**

## Evaluation Metrics & testing:

## Solution requirements specification:

## Complexity & Business value:

# POC 1: FORECAST TANKER SPOT RATES

## Data

## Theory

# The approach taken described in steps:

# Data considerations and evaluation setup:

# Dynamic Bayesian Network

# Establish a benchmark

# Investigate drivers:

# A Dynamic Bayesian Model:

# POC 2 - Project haystack

## Data

## Theory - The Optimal Long Term Approach:

# Theory behind this approach:

# Data Requirements:

* **Ratings:**

1. **Explicit ratings:**
2. **Implicit ratings:**

* **Collaborative:**
* **Filter:**
* **Meta Data:**

## Theory and procedure - The approach taken in the POC:

**Step 1:**

**Step 2:**

# The approach taken described in further details:

* **Extract data:**
* **Feature engineering:**
* **Create similarity measure:**
* **Cluster:**
* **Create Predictive Model:**

# Results

# Appendix