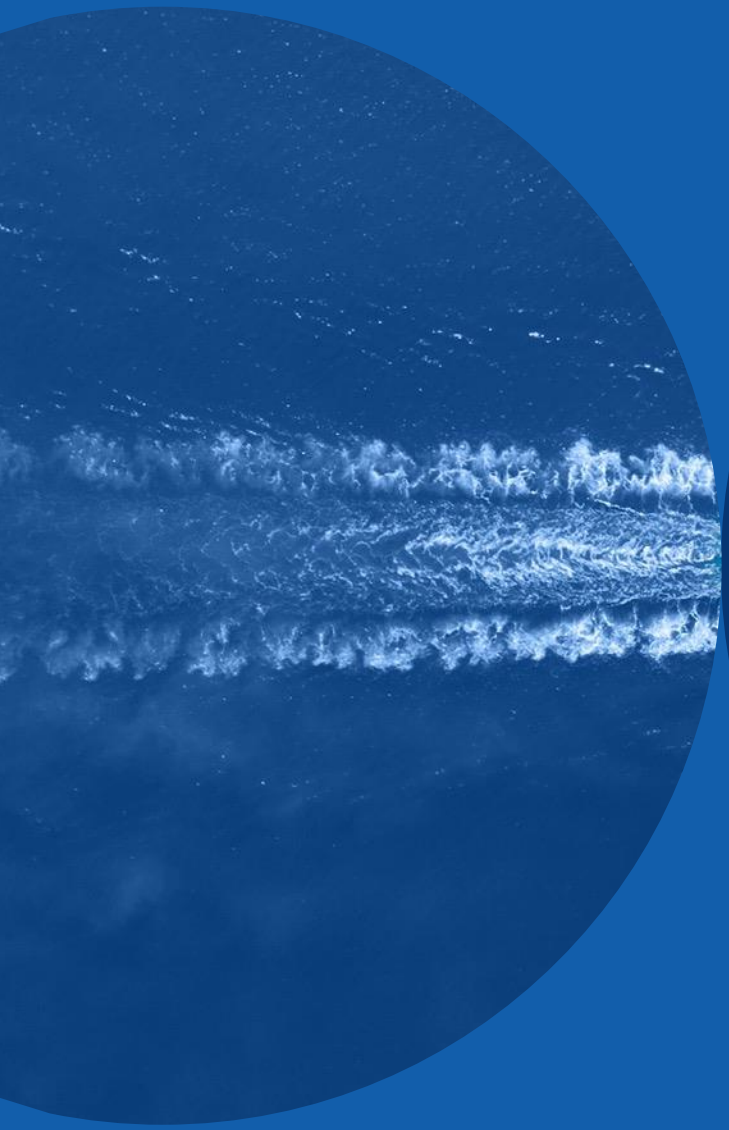


Applied AI for Enhanced Port Fluidity

The case of Montreal

January 26, 2022

Shipping Federation of Canada

Mariners' Workshop VIRTUAL CONFERENCE JANUARY 25, 26 & 27, 2022

CARGO2 AI

SCALE AI

In a nutshell

Objective

- Accelerate delivery of critical cargo containers in the fight against COVID-19
- Save lives!

Smart solution

- Natural Language Processing (NLP)
- AI solution identifies containers onboard vessels containing official (CBSA) medical cargo
- Track & trace dashboard for grounded containers

Partners

SCALE AI

(funding)

CARGOM

(Champion / Sponsor)

PORT MONTRÉAL

(Product owner)

IVADO LABS

(AI solution provider)

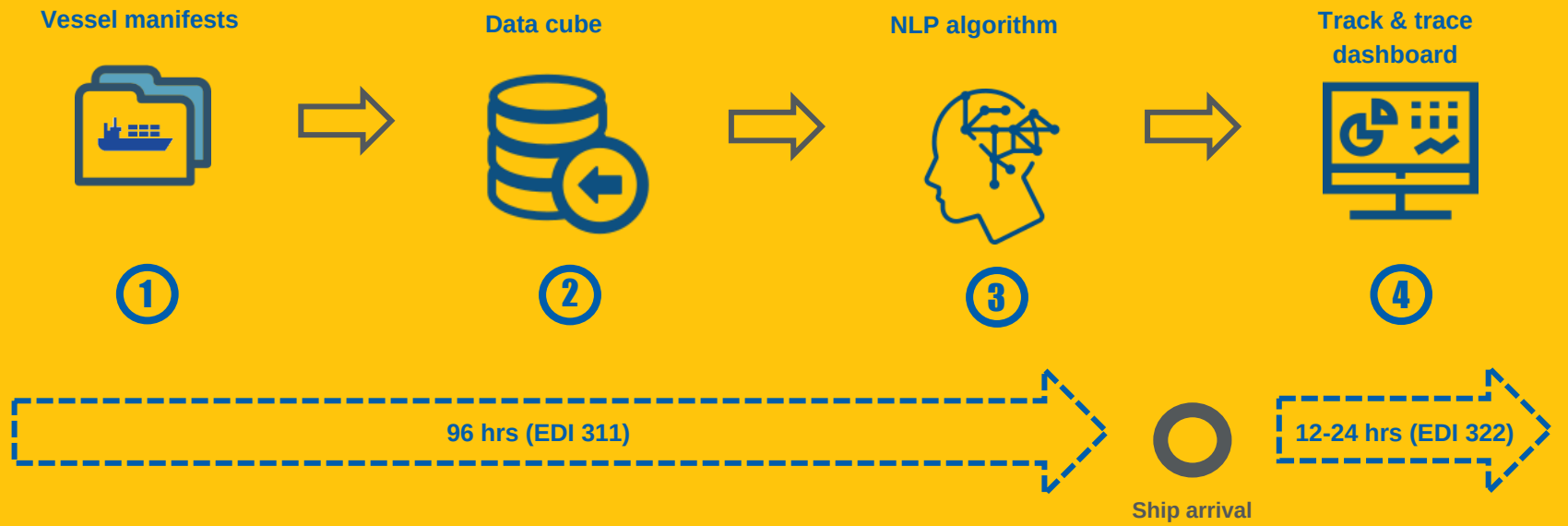
CP CN TERMONT MGT SOCIÉTÉ TERMINAUX MONTRÉAL GATEWAY TERMINALS PARTNERSHIP

(users)

Responding to the Pandemic

Fast-tracking critical medical cargo

CARGO2AI



Port Logistics Optimization Tool

SCALE AI

In a nutshell

Objective

- Use factual data to drive *collective* decisions
- Reduce dwell times
- en synchronisant mieux l'inventaire des wagons avec l'arrivée des navires via l'analyse prédictive.

Smart solution

- AI-driven dashboard sharing common metrics among key stakeholders
- Improved synchronization of rail car inventory with vessel arrival
- Predictive capabilities
- Algorithm to propose optimal course of action based on scenario building

Partners

SCALE AI
(funding)

PORT MONTRÉAL
(Product owner)

IVADO LABS
(AI solution provider)

THALES
(UI)

CP CN TERMONT MGT SOCIÉTÉ TERMINAUX MONTRÉAL GATEWAY TERMINALS PARTNERSHIP
(users)

Prescriptive

Predictive

Diagnostic

What is the current state today?

1

What will be the state tomorrow?

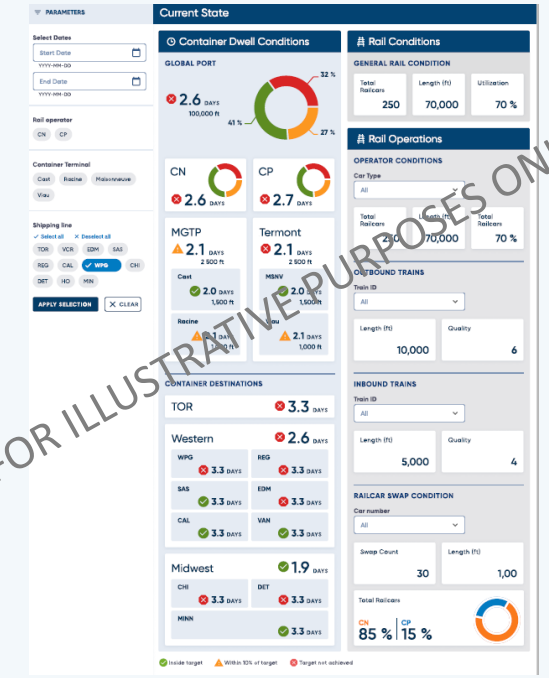
MACHINE LEARNING

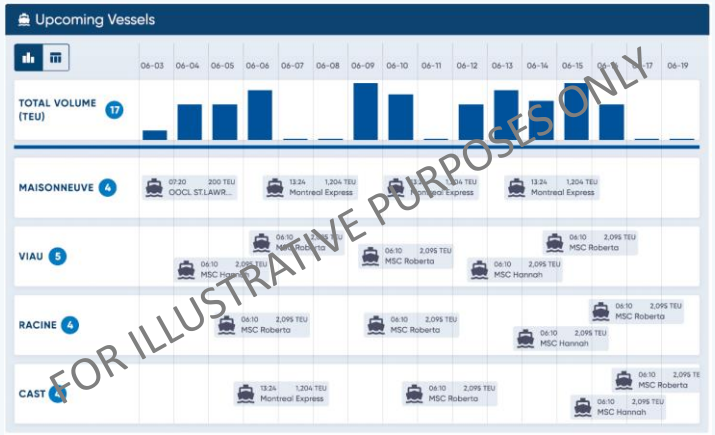
2

What is the optimal scenario of actions to benefit the gateway

OPERATIONS RESEARCH

3





Thank you

Daniel Olivier
Director BI and Innovation