Problem Statement

Incoming Inventory Storage

Transportation Planning

Staging the Loading Area

Trailer Loading
Our Goal

- To provide an efficient software solution for DSC Logistics.

Main Factors:

- Order Stops
- Weight Distribution
- Orientation/Stack-ability
Team Structure

Research Team

- Xingshuo Liu (Sub Team Leader)
- Nixalkumar Patel
- Nuntana Buakong
- Parth Shah
- Tom Pekalski

Technical Team

- Donald Taylor (Sub Team Leader)
- Robert Veitch (Team Leader)
- Benjamin Hinshaw
- Prashanthan Surendran
- Sean McKeever
Progress

- Visited DSC
- Started work on the algorithm
Obstacles & Challenges

- Privacy of the company
- Converting intuition into rules
- Adaptability of the software
- Cost
Questions / Needs / Requests