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What

1. Type of the given dataset: Table
2. Type of the given data: Item (vessel name), attribute (departure, arrival time, and port name), position (assume we have vessel location), and attribute (vessel condition).
3. Stakeholder: Seaspan employees

Why

1. Design a visualization model to display the information based on Seaspan's requirements.
2. Actions:
    a) Analyze the given data and present them in a more intuitive way.
    b) Locate each item with given location information.

How

1. Map: Implement map to show the location of each item.
2. Color:
    a) Use Hue color to indicate the approximate load for each vessel (Green < yellow < red, 30%<60%<90%).
    b) Use color to represent the vacancy of each berth (Green Red, Yes No).
3. Shape:
    a) Arrows with name represent vessels. Arrow always points at the destination.
    b) Dots under each port represent berth.

Pitfalls

PF-4: No real data available: Several required datasets are not confirmed.

PF-15: Ignoring practices that currently work well: There could be misunderstanding due to the limited information provided.

PF- 20 premature design commitment: consideration space too small: There could be misunderstanding due to the limited information provided.