

# PROBLEM STATEMENT

**DOMAIN:** DATA ANALYTICS

**TITLE:** TRAFFIC AND CAPACITY ANALYTICS FOR MAJOR PORTS

- The Indian Railways has a capital base of about Rs. 1 lacs crores and is often referred to as the lifeline of the Indian economy because of its predominance in the transportation of bulk freight and long-distance passenger traffic.
- Port-rail connectivity is a strategic element of port development, both in economic and competitive terms and to reduce negative externalities on people and the environment.
- Data analytics can help reducing the congestion on rail corridors and improving port connectivity.

## Impact of this issue

1. Delay in transporting goods
2. Loss for industries

## What would happen when it is fixed?

### Social Impact

- Adequate resources will be provided.

### Business Model/Impact

- Businesses using railway ports can easily track.
- Government can use data analytics dashboard to ensure less traffic on the ports

## Why is it important that we fix the problem?

This gives you comprehensive visibility and control of ports and data in one single location making transportation simple. It also becomes much easier to track the trains that enters and leaves the ports.