

Project 1:

Project Title: **PUBLIC TRANSPORT OPTIMIZATION**

Project Steps

Phase 1: Project Definition and Design Thinking

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- **Project Definition:** Provides comprehensive training for the public transport modelers of future to enabling them to create their own models
- Includes information about optimization approaches, metaheuristics, and analysis of computational complexities
- Contains many examples, problems, and solutions to aid learning

**Design Thinking:**

**1. Project Objectives:** Public transport provides significant benefits to society. It promotes sustainable and well-balanced regional development, reduces adverse environmental impacts and improves road safety. Public transport also boosts the accessibility of basic services and the mobility of population groups.

**2. IoT Devices Designs:** How do you optimize transport?

5 Best Practices for Transportation Optimization

Best transportation Management Optimization Practices

Shipment Pooling. The first best practice that you can follow for Transportation Optimization Management is the Shipment Pooling that you submit. ...

Shipment Aggregation. ...

Shipment Consolidation. ...

Continuous Moves. ...

Cross-Docking Strategies.

**3. Data Sharing Platform:** Provides comprehensive training for the public transport modelers of future to enabling them to create their own models

**Includes information about optimization approaches, metaheuristics, and analysis of computational complexities**

**4. Integration Approach :** What are the stages of transport planning process?Mainly there are four stages model that is trip generation, trip distribution, modal split and trip assignment. The choice of routes in the development of transportation planning depends upon certain parameters like journey time, distance, cost, comfort, and safety.

