**Project Name: TransitNet Optimizer**

**Project Description:**

**TransitNet Optimizer** is an interactive, web-based solution designed to enhance public transport (PT) networks by utilizing aggregated mobility patterns derived from cellular data. The system includes PT network optimization algorithm(s), an interactive data manipulation interface with efficient backend management, and multi-layer visualizations of the results for effective interpretation. It offers PT management authorities a computational solution that aids in making informed decisions for PT service planning and operations, ensuring higher efficiency and improved service delivery.