

# ANALYSIS AND VISUALISATION OF BRNO PUBLIC TRANSPORT DATA

author: Juraj Lazúr

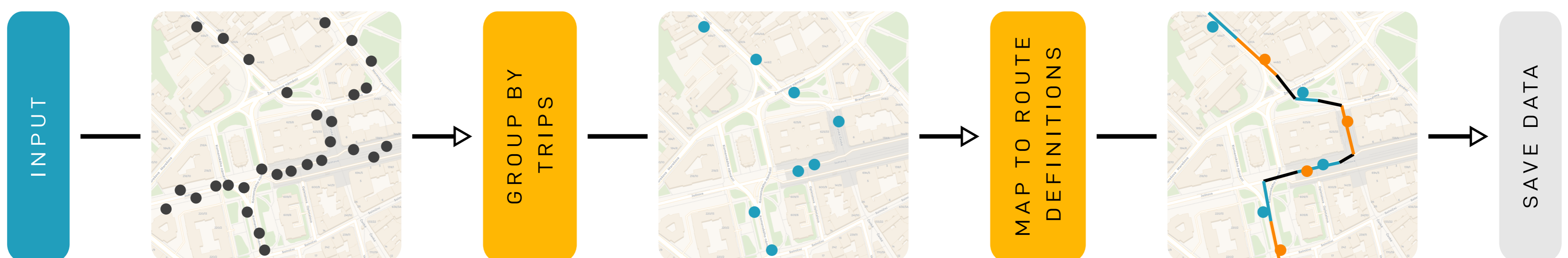
supervisor: Ing. Jiří Hynek, Ph.D.

## OBJECTIVES

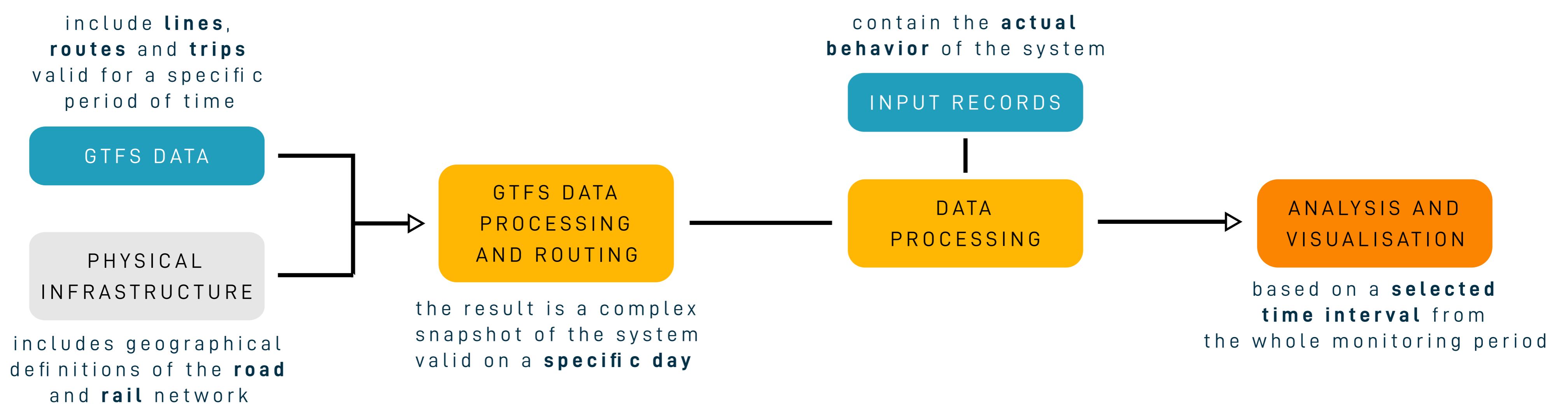
- monitoring the impact of changes to the public transport system
- detection of bottlenecks
- comparing the system behavior over time
- visualisation of data in an easy-to-understand format for passengers

## DESIGN OF THE SOLUTION

### 2.1 Data processing model



### 2.2 Tool architecture

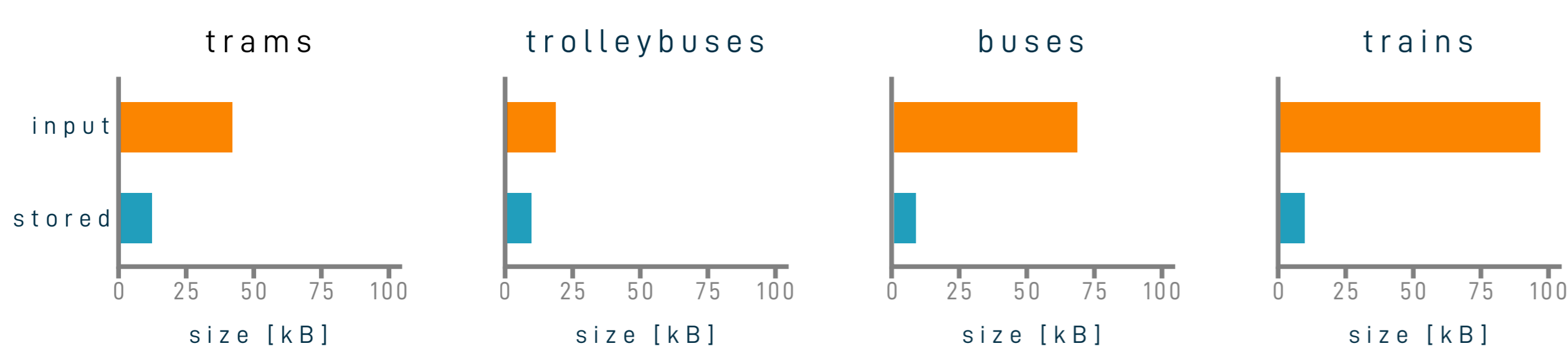


## RESULTS

### 3.1 Routing accuracy



### 3.2 Compression of stored records



### 3.3 Analytic platform

