**FINAL PLAN**

**PROBLEM STATEMENT**

What is the optimal start time for minimizing the total route duration, considering the influence of morning and evening rush hours?

**TIME FUNCTION**

Step Function (Abrupt Changes)

* A simpler model could use a step function where travel time jumps between fixed values at specific times (i.e., rush hour times).
* **Example:**
* This would assume a constant travel time during rush hours (thigh​) and a different constant during off-peak hours (tlow).

**TOTAL DURATION OF TIME**

tij​(ti​) is the travel time on edge (i,j) at the time ti ​, which can depend on traffic conditions.

**OBJECTIVE FUNCTION**

Minimize T