Results: day 3

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Q1

My code with gurobi solves the problem in 0.3 seconds.

Q2

The path is: "14 St - Union Sq" ,"Canal St", "Atlantic Av - Barclays Ctr" , "36 St" ,"59 St".

The path is easily found by just moving along nonzero $\mu's$ from the starting node

Q3

My code with Bellman-Ford algorithm solves the problem in 0.3 seconds.

The path is: "14 St - Union Sq" ,"Canal St", "Atlantic Av - Barclays Ctr" , "36 St" ,"59 St".

To recover it I move along the arcs for which $p_j - p_i = d_{ij}$. I move in reverse: from the finish node to the start node.