## Decision Support in Production, Logistics and Supply Chain

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## 1 Introduction

We only need to add edges with G.add edge(node1, node2, capacity) It autmatically adds nodes

Pyvis does not add nodes automatically

 ${
m net.toggle~physics(True)},~{
m sometimes~makes~sense~to~set~to~False,~It~makes~the~graph~dragable}$ 

Generate  $C_l$  cut where  $\gamma = 1$  and generate  $C_m$  where  $\gamma = u$ . Then calculate the bisection to obtain a new  $\hat{\gamma}$ . Then generate a cut with  $\hat{\gamma}$  and do this until we find a cut that has less than B large edges.