

Question 15.1 Describe a situation or problem from your job, everyday life, current events, etc., for which optimization would be appropriate. What data would you need?

Optimization can be used in Amazon package delivery to maximize the number of deliveries in a day. Amazon needs to consider certain constraints, for example, max number of same day deliveries, adjacent zip codes, package size and weights , number of packages to be delivered and number of trucks required on the same route.