# The logistics route optimization

The objective is to deliver the goods to all the customers at the same time with the

minimizing for the cost of the roots and the number of vehicles .so it can be described of creating a setup optimal routes

of like from one place to another place. Subjected to a set of constraints, constraints

should be the

* the volume of the truck,
* weather condition,
* traffic conditions

so these are the constraint here.

Apart from the route optimization, we're focusing other benefits like the

**first one is the arranging the items in the truck. So after**

**getting the optimal routes items can be clubbed and place it in**

**such a way that the delivery could be the faster for the**

**first customer**:- if any we have this artist through to having

the. For customer, then we can add arrays item in such a way that the 1st first customer will get the order, the very

fast and the second one is **the Golden customer**.

So we have the Golden and the priority customers. So the

customers to get the items on time so we can **get the shortest**

**route and make the time slot for the priority customers** for that.

So here the feasibility wise already **the data is available for the China**, we can leverage that those data and for

failed coming to the business value of the savings we have the

approximate savings of 50 three K Euro per year per plant and

coming to other benefits like the **better capacity planning,**

**customer satisfaction** and other like the full savings are the

improved vehically religious and as well as the high demand so

**high demand can be installed by proper planning and delivering**

**more in the less time**. I'm also addressing the service or

delivery trucks. **Delivery of the trucks and increase the**

**expenses like less amount of resources is resulting high**

**expense to meet the customer expectation**. So Route Optimizer

helps in reducing those expenses with proper planning.

* we can make the **slot wisee management** for the

customers like has ever told the priority of the Golden

customers.

# Input parameter:-

we will collect the customer, vehicle, capacity

or the cost.

# The output

The optimize the route and if you see here the minimum number of vehicles

before it was another item.

So I arranged in three trucks, three

different goods were three different trucks, but after

having a shortest route. I mean best optimal route. We can combine the club together

* **we're looking into the truck optimization as well as the customer priority as well as also customer satisfaction.**

How they will get the item delivered faster?

Diagram

Description automatically generated