Open Information Systems - Assignment 1 - Delivery Services

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1 Features

1.1 Real-time package Tracking

Data used : The API key linked to the transport company handling the package the user wants to track.
Used by whom ? Used by the user to track its order in real time.

1.2 Delivery Time Estimation by packet

Data used : The address registered in the packet's order, the packet's weight and size, the amount of trucks available in the company able to deliver a packet to the given address with the given weight and size and the location of the warehouse where the packet is gathered.
Used by whom ? Used by our company to give the customer an idea of when he'll get is package.

1.3 Delivery Price Estimation

Data used : The address registered in the packet's order, the packet's weight and size, the price per km of the company able to deliver the package (As explained in the previous feature).
Used by whom ? Used by our company to request an extra fee to the customer.

1.4 Average amount of delivery trip made by each delivery companies in all the warehouses

Data used : The amount of delivery trip that occurred in every warehouse in the last X months sorted by the vehicle's company.
Used by whom ? This data may be used by our company to track with which companies it is worth having delivery contracts, based on the amount of delivery trips they make for the company.

1.5 Average Packet loss during delivery trips sorted by company

Data used : The average status of the packets in the deliveries of company X.
Used by whom ? Used by our company to build trust or not in a given company