**Introduction:**

A DataSet of Supply Chains used by the company DataCo Global was used for the analysis.

Areas of important registered activities: Provisioning, Production, Sales, Commercial Distribution.

**Data Description:**

The dataset consists of supply chain management used by a company DataCo for clothing, sports equipment and electronics. It contains information related to shipping, customer details and product details. The data can be analyzed based on the relationship between Transfertype, Daysforshipping(real), Daysforhipping(scheduled), Latedeliveryrisk and shipping mode(first class, second, standard, same day).

**Proposed Analysis:**

Compare delivery status (advance, late or on time) based on different categories such as payment type, customer region, product category, shipping mode.

**Analysis method used:**

Plotting various graphs to compare the percentages of each type of delivery status (advance, late or on time) on different categories.

**Milestones:**

Step 1: Import the table to python.

Step 2: Creating a schema and normalize the database accordingly.

Step 3: SQL query to get the appropriate data for plotting graphs.

Step 4: Use MatplotLib package to visualization the data.

**References:**

[DataCo SMART SUPPLY CHAIN FOR BIG DATA ANALYSIS | Kaggle](https://www.kaggle.com/datasets/shashwatwork/dataco-smart-supply-chain-for-big-data-analysis?select=DataCoSupplyChainDataset.csv)