ICT & AI

DATA DEFINITION

You can use the 2016 data from the DVS (InfoPlus, Dynamische Vertrekstaat). You can find this data at: https://trein.fwrite.org/idx/DVS.html . Each line in these files contain xml. In order to process this data the files need to be parsed and cleaned.

Attribute specification:

- **RitStation**
  - **StationCode :** Short code for the station name
  - **LangeNaam**: Long descriptive name of the station
- **Trein**
  - **TreinNummer**: ID of the train
  - **TreinSoort:** Type of the train
  - **Vervoerder:** Company operating the train
  - **TreinEindBestemming:** Destination of the train
  - **VertrekTijd:** Planned departure time
  - **ExacteVertrekVertraging:** Delay of the trains departure (https://en.wikipedia.org/wiki/ISO_8601

Domain / context explanation:

The dataset contains information about the train departures in the Netherlands for a given day. The data can give insights in the delay of the departing trains.

EFFICIENT TRAVEL

Ordina is a local, independent IT service company, in the Benelux with approximately 2.650 employees. Before the Corona crisis most consultants worked on projects and assignment at the customers , spread out over the Netherlands. Obviously, Ordina stimulates their employees to travel sustainably, e.g. by train or electric car.

Traveling by train comes often with delays or redirections however. Ordina values their customers and therefore consultant should be at the customers in time.

Challenge:

- How can train departures data help us in optimizing the travel of our employees?