Suppliers Onboarding

Overview of Data Processing for Integration of Suppliers Product Data

Data Description

- Product data describes cars which need to be integrated into the shop’s target data set
- Each car has certain attributes
  - e.g. Milage, Model, Colour
- Supplier’s product data needs to match shop’s data set format

Data Description

Target Data

- One entry per car with all attributes described

Supplier Data

- Several entries per car identified through different ID
- Problem: Attributes for one car are separated

Pre-Processing

- Assign all attributes of one car to one entry based on car’s ID
- Outcome: Granularity of supplier and target data matches

Normalisation

- Ensure there are no duplicates
  - e.g. through upper/lower case writing
- Turn text into numeric values
  - e.g. ‘1.5 l/100km’ to 1.5 ‘l/100km’
  - This allows for mathematical comparison of the values
- Separate values and units
  - e.g. change attribute ‘km’ to ‘milage’ and add ‘milage_unit’ = km

Integration

Match supplier data to target data format:

- Rename attributes
  - e.g. ‘ModelTypeText’ to ‘model_variant’
- Remove redundant columns
  - e.g. ‘ID’
- Add columns as neccessary
  - e.g. ‘country’ or ‘type’

Conclusion

- Supplier data can easily be integrated into shop’s target data set
- Possibility for additional changes dependent on supplier’s/shop’s specific requirements open for discussion
- Ideally some more attributes would be added as some that are in the target data are not in the supplier’s product data