Dataset Description

The dataset has been anonymized and reports the selling volumes of two consumer products.

The data are available as a CSV file, with 250561 rows and 6 columns (attributes), that describes the daily selling volumes of two products from 01-01-2014 until 19-05-2016; it provides geolocalization using the 3-dimensions hierarcy **Zona -> Area -> Sottoarea**

This is an example of the available data:

Zona	Area	Sottoarea	Categoria_prodotto	Data	Vendite
Zona_**1**	Area_**1**	Sottoarea_**1**	Prodotto_**1**	**01/01/2014**	0
Zona_1	Area_1	Sottoarea_1	Prodotto_1	02/01/2014	5
…	…	…	…	…	…
Zona_**27**	Area_**74**	Sottoarea_**145**	Prodotto_**2**	**19/05/2016**	3

Main Goal:

1. Provide a daily forcast for the next 10 days for every subarea (attribute SOTTOAREA) and for every product category (attribute Categoria_prodotto)**.**

Sub Goals:

1. Provide an overall selling forecast for the the next 10 days for every every subarea (attribute SOTTOAREA) and for every product category (attribute Categoria_prodotto).
2. Provide a daily forecast for the next 10 days, for every area (attribute Area) and for every product category (attribute Categoria_prodotto).

Notes

- The dataset has been partially cleaned (for instance, Sottoarea_51 is not present in the data set)
- In some area, the data of 2014 shows a different dynamic (for example, products are sold during non working days). It is up to you to decide whether to eliminate such data
- The data can be used to create interesting Key Performance Indicators like,
    - KPI based on the date (e.g., day of the week, month, etc.)
    - KPI based on the holidays
    - …
- The data does not provide a train/test set partition
- You can either produce one model or local models for each Sottoaree – Categoria_prodotto pair or for every weekday.