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# Wholesale customers Data Set

Download: Data Folder, Data Set Description

**Abstract**: The data set refers to clients of a wholesale distributor. It includes the annual spending in monetary units (m.u.) on diverse product categories

Data Set Characteristics:	Multivariate	Number of Instances:	440	Area:	Business
Attribute Characteristics:	Integer	Number of Attributes:	8	Date Donated	2014-03- 31
Associated Tasks:	Classification, Clustering	Missing Values?	N/A	Number of Web Hits:	430383

### Source:

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#### **Data Set Information:**

Provide all relevant information about your data set.

## **Attribute Information:**

- 1) FRESH: annual spending (m.u.) on fresh products (Continuous);
- 2) MILK: annual spending (m.u.) on milk products (Continuous);
- 3) GROCERY: annual spending (m.u.)on grocery products (Continuous);
- 4) FROZEN: annual spending (m.u.)on frozen products (Continuous)
- 5) DETERGENTS\_PAPER: annual spending (m.u.) on detergents and paper products (Continuous)
- 6) DELICATESSEN: annual spending (m.u.)on and delicatessen products (Continuous):
- 7) CHANNEL: customers' Channel Horeca (Hotel/Restaurant/Café) or Retail channel (Nominal)
- 8) REGION: customers' Region Lisnon, Oporto or Other (Nominal)

**Descriptive Statistics:** 

(Minimum, Maximum, Mean, Std. Deviation)
FRESH ( 3, 112151, 12000.30, 12647.329)
MILK (55, 73498, 5796.27, 7380.377)
GROCERY (3, 92780, 7951.28, 9503.163)
FROZEN (25, 60869, 3071.93, 4854.673)
DETERGENTS\_PAPER (3, 40827, 2881.49, 4767.854)
DELICATESSEN (3, 47943, 1524.87, 2820.106)

20/04/2022, 22:51

REGION Frequency Lisbon 77 Oporto 47 Other Region 316 Total 440

CHANNEL Frequency Horeca 298 Retail 142 Total 440

# **Relevant Papers:**

Cardoso, Margarida G.M.S. (2013). Logical discriminant models – Chapter 8 in Quantitative Modeling in Marketing and Management Edited by Luiz Moutinho and Kun-Huang Huarng. World Scientific. p. 223-253. ISBN 978-9814407717

Jean-Patrick Baudry, Margarida Cardoso, Gilles Celeux, Maria José Amorim, Ana Sousa Ferreira (2012). Enhancing the selection of a model-based clustering with external qualitative variables. RESEARCH REPORT N° 8124, October 2012, Project-Team SELECT. INRIA Saclay - ÃŽle-de-France, Projet select, Université Paris-Sud 11

# **Citation Request:**

The data set is originated from a larger database referred on:

Abreu, N. (2011). Analise do perfil do cliente Recheio e desenvolvimento de um sistema promocional. Mestrado em Marketing, ISCTE-IUL, Lisbon

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