



# Wholesale customers

Donated on 3/30/2014

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

## Dataset Characteristics

Multivariate

## Subject Area

Business

## Associated Tasks

Classification, Clustering

## Feature Type

Integer

## # Instances

440

## # Features

7

## Dataset Information



### Has Missing Values?

No

## Variables Table



Variable Name	Role	Type	Description	Units	Missing Values
Channel	Feature	Categorical			no
Region	Target	Categorical			no
Fresh	Feature	Integer			no
Milk	Feature	Integer			no

Variable Name	Role	Type	Description	Units	Missing Values
Grocery	Feature	Integer			no
Frozen	Feature	Integer			no
Detergents_Paper	Feature	Integer			no
Delicassen	Feature	Integer			no

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## Additional Variable 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 - Lisbon, 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)

REGION Frequency

Lisbon 77

Oporto 47

Other Region 316

Total 440

CHANNEL Frequency  
Horeca 298  
Retail 142  
Total 440  
SHOW LESS ^

## Dataset Files ^

File	Size
Wholesale customers data.csv	14.7 KB

## Papers Citing this Dataset ^

 SORT BY YEAR, DESC

### [An Efficient Algorithm for Density Based Subspace Clustering with Dynamic Parameter Setti...](#)

By B. Lakshmi, Kerekar Madhuri, M. Shashi. 2017

Published in International Journal of Information Technology and Computer Science.

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## Creators

👤 Margarida Cardoso

## DOI

10.24432/C5030X

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