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Online Retail

Donated on 11/5/2015

This is a transactional data set which contains all the transactions occurring between 01/12/2010 and 09/12/2011 for a UK-based and registered non-store online retail.

Dataset Characteristics
Multivariate, Sequential, Time-Series

Subject Area
Business

Associated Tasks
Classification, Clustering

Feature Type
Integer, Real

 # Instances
541909

 # Features
6

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99 **8 citations**

👁 **390233 views**

Keywords

(sales)

Dataset Information   ⌃

Additional Information

This is a transactional data set which contains all the transactions occurring between 01/12/2010 and 09/12/2011 for a UK-based and registered non-store online retail.The company mainly sells unique all-occasion gifts. Many customers of the company are ...

Creators

Daqing Chen

👤 chend@lsbu.ac.uk
School of Engineering, London South Bank University

Introductory Paper

[Data mining for the online retail industry: A case study of RFM model-based customer segmentation using data mining](#)

By Daqing Chen, Sai Laing Sain, Kun Guo. 2012

Published in Journal of Database Marketing and Customer Strategy Management, Vol. 19, No. 3

Variables Table

Variable Name	Role	Type	Description	Units	Missing Values
InvoiceNo	ID	Categorical	a 6-digit integral number uniquely assigned to each transaction. If this code starts with letter 'c', it indicates a cancellation		no
StockCode	ID	Categorical	a 5-digit integral number uniquely assigned to each distinct product		no
Description	Feature	Categorical	product name		no
			the quantities of each		

InvoiceDate	Feature	Date	when each transaction was generated		no	
UnitPrice	Feature	Continuous	product price per unit	sterling	no	
CustomerID	Feature	Categorical	a 5-digit integral number uniquely assigned to each customer		no	⌃
Country	Feature	Categorical	the name of the country where each customer resides		no	

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Additional Variable Information

InvoiceNo: Invoice number. Nominal, a 6-digit integral number uniquely assigned to each transaction. If this code starts with letter 'c', it indicates a cancellation.
StockCode: Product (item) code. Nominal, a 5-digit integral number uniquely assigned to …

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Dataset Files

Online Retail.xlsx	22.6 MB

Papers Citing this Dataset

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Title

Year   ✓

Venue

Journal

~~nder Subsampling~~
~~en,~~ Toon Calders. 2019

~~ketches for Efficient High Cardinality Aggregation Queries~~
~~Tai,~~ Vatsal Sharan, Peter Bailis. 2018

Published in ArXiv.

Efficient and Scalable Multi-task Regression on Massive Number of Tasks
By Xiao He, Francesco Alesiani, Ammar Shaker. 2018
Published in ArXiv.

Efficient Mining Top-k Regular-Frequent Itemset Using Compressed Tidsets
By Komate Amphawan, Philippe Lenca, Athasit Surarerks. 2011
Published in PAKDD Workshops.

Layered critical values: a powerful direct-adjustment approach to discovering significant ...
By Geoffrey Webb. 2008
Published in Machine Learning.

Reviews

5.0 (1 rating)

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Sugiyamto Gik

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12/23/2024

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