

28 April 2019

Group No. 4

CSE 4062 Term Project

Delivery #3 - Exploring Data

Feature Name	Description	Type	Target?	Missing Value (%)
Product Number	which product?	nominal	No	0
Brand Number	which brand?	nominal	No	0
Profile Number	target customer profile	nominal	No	0
Day	date of sale	numeric	No	0
Sales Amount	how many product has been sold?	numeric	Yes	0,0433
Total Sales Price	total revenue from this type of product	numeric	No	0,0480
Unit Price	unit price of this type of product	numeric	No	0,0003

Table 1 - Features/Attributes of dataset and missing values.

Feature Name	Description	Type	Min or Least Frequent	Max or Most Frequent
Product Number	which product?	nominal	Product 126 - 1 time	Product 58 - 1096 times
Brand Number	which brand?	nominal	Brand 9 - 56 times	Brand 1 - 22143 times
Profile Number	target customer profile	nominal	Profile 1 - 25388 times	Profile 2 - 60099 times
Day	date of sale	numeric	-	-
Sales Amount	how many product has been sold?	numeric	0	14203
Total Sales Price	total revenue from this type of product	numeric	0	88139.89
Unit Price	unit price of this type of product	numeric	0	36.06
Feature Name	Description	Avg. or Mode	Std. Dev. or Entropy	Number Of Values
Product Number	which product?	Product 58 - 1096 times	6.697	85487
Brand Number	which brand?	Brand 1 - 22143 times	3.083	85487
Profile Number	target customer profile	Profile 2 - 60099 times	878	85487
Day	date of sale	-	-	85487
Sales Amount	how many product has been sold?	525.346	601	85487
Total Sales Price	total revenue from this type of product	2045.628	2447.21	85487
Unit Price	unit price of this type of product	6.421	5.703	85487

Table 2 - Features and their descriptive values.

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