

Association w/ Apriori

Importing Dataset

Upload Dataset



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Penjualan2017.csv 118.1KB



Prepare

Data Prepared

Applied:

1. Seleksi kolom
2. Menghapus baris yang tidak memiliki Invoice/Nota
3. Mengubah data type kolom 'Invoice'
4. Menghilangkan extra white space
5. Encode data

Create Association Rules

Association Rule Mining

Discovering associations between items

Minimum Support

0.003

0.002

0.005

Minimum Confidence

0.40

0.10

1.00

Apriori Bottom 5 Rules

	antecedents	consequents
0	frozenset({'SODA ASH, POWDER, KARUNGAN'})	frozenset({'ALLUMINIUM
64	frozenset({'SPRAY PAINT PYLOX COLOUR RED', 'SPRAY PAINT PYLOX COLOUR WHITE'})	frozenset({'SPRAY PAINT
74	frozenset({'SPRAY PAINT PYLOX COLOUR YELLOW'})	frozenset({'SPRAY PAINT
73	frozenset({'SPRAY PAINT PYLOX COLOUR BLUE'})	frozenset({'SPRAY PAINT
72	frozenset({'SPRAY PAINT PYLOX COLOUR RED'})	frozenset({'SPRAY PAINT

Apriori Top 5 Rules

	antecedents	consequents
10	frozenset({'BOLT & NUT 3/4" X 4"})	frozenset({'BOLT & NUT 1/2" X 2"})
21	frozenset({'BOLT STUD 1" X 1M CS'})	frozenset({'NUT 1" BAJA'})
12	frozenset({'BOLT & NUT 3/4" X 4"})	frozenset({'BOLT & NUT 3/4" X 3"})
15	frozenset({'BOLT & NUT 3/4" X 4"})	frozenset({'BOLT & NUT 3/8" X 1"})
3	frozenset({'BATU GERINDA POTONG 4" 100 X 1 X 16MM'})	frozenset({'AMPLAS KERTAS 800'})

Input Nama Barang

Masukkan nama barang:

BOLT & NUT 3/4" X 4"

Cari Barang Consequent

Barang consequent yang ditemukan:

	Consequent Item	support	confidence	lift
53	BOLT & NUT 3/4" X 3"	0.0033	1	304.5
51	BOLT & NUT 5/8" X 3"	0.0033	1	304.5
55	BOLT & NUT 3/4" X 3" BOLT & NUT 5/8" X 3"	0.0033	0.6667	203
17	BOLT & NUT 5/8" X 3"	0.0033	0.6667	203
10	BOLT & NUT 1/2" X 2"	0.0033	0.6667	203
12	BOLT & NUT 3/4" X 3"	0.0033	0.6667	203
15	BOLT & NUT 3/8" X 1"	0.0033	0.6667	135.3333

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