

Product Name	Barcode	Category	Size	Color
Batman T-shirt	129387	T-Shirt	M-Medium; L-Large; XL-Extra Large;	K-Black; DB-Dark Blue;
Superman T-shirt	349534	T-shirt	L-Large; XL-Extra-Large;	R-Red; RB-RedBlue;
Superhero Tights	394754	Trousers	M-Medium; L-Large;	K-Black;
Superhero Belt	983403	Accessory	M-Medium; L-Large;	G-Gray;
Superman Cloak	359485	Accessory	S-Standard;	R-Red;
Captain America Shield	298203	Accessory	S-Standard;	RB-RedBlue;
Captain America Mask	349853	Accessory	M-Medium; L-Large;	B-Blue;
Batman Costume	983459	Costume	M-Medium; L-Large; XL-Extra Large;	GK-Gray Black;

#### 1NF - 1. Normal Form

Product Name	Barcode	Category	Size	Color
Batman T-shirt	129387	T-Shirt	M-Medium	K-Black
Batman T-shirt	129387	T-Shirt	M-Medium	DB-Dark Blue
Batman T-shirt	129387	T-Shirt	L-Large	K-Black
Batman T-shirt	129387	T-Shirt	XL-Extra Large	NULL
Superman T-shirt	349534	T-shirt	L-Large	R-Red
Superman T-shirt	349534	T-shirt	L-Large	RB-RedBlue
Superman T-shirt	349534	T-shirt	XL-Extra-Large	R-Red
Superman T-shirt	349534	T-shirt	XL-Extra-Large	RB-RedBlue
Superhero Tights	394754	Trousers	M-Medium	K-Black
Superhero Tights	394754	Trousers	L-Large;	K-Black
Superhero Belt	983403	Accessory	M-Medium	G-Gray
Superhero Belt	983403	Accessory	L-Large	G-Gray
Superman Cloak	359485	Accessory	S-Standard	R-Red
Captain America Shield	298203	Accessory	S-Standard	RB-RedBlue
Captain America Mask	349853	Accessory	M-Medium	B-Blue
Captain America Mask	349853	Accessory	L-Large	B-Blue
Batman Costume	983459	Costume	M-Medium	GK-Gray Black
Batman Costume	983459	Costume	L-Large	GK-Gray Black

Batman Costume	983459	Costume	XL-Extra Large	GK-Gray Black
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## 2NF - 2. Normal Form

Product Name	Barcode	Category	Size	Color
Batman T-shirt	129387	T-Shirt	M-Medium	K-Black
Batman T-shirt	129387	T-Shirt	M-Medium	DB-Dark Blue
Batman T-shirt	129387	T-Shirt	L-Large	K-Black
Batman T-shirt	129387	T-Shirt	XL-Extra Large	NULL
Superman T-shirt	349534	T-shirt	L-Large	R-Red
Superman T-shirt	349534	T-shirt	L-Large	RB-RedBlue
Superman T-shirt	349534	T-shirt	XL-Extra-Large	R-Red
Superman T-shirt	349534	T-shirt	XL-Extra-Large	RB-RedBlue
Superhero Tights	394754	Trousers	M-Medium	K-Black
Superhero Tights	394754	Trousers	L-Large;	K-Black
Superhero Belt	983403	Accessory	M-Medium	G-Gray
Superhero Belt	983403	Accessory	L-Large	G-Gray
Superman Cloak	359485	Accessory	S-Standard	R-Red
Captain America Shield	298203	Accessory	S-Standard	RB-RedBlue
Captain America Mask	349853	Accessory	M-Medium	B-Blue
Captain America Mask	349853	Accessory	L-Large	B-Blue
Batman Costume	983459	Costume	M-Medium	GK-Gray Black
Batman Costume	983459	Costume	L-Large	GK-Gray Black
Batman Costume	983459	Costume	XL-Extra Large	GK-Gray Black

Id	Product Name	Barcode	Category	Price
1	Batman T-shirt	129387	T-Shirt	11\$
2	Superman T-shirt	349534	T-shirt	13\$
3	Superhero Tights	394754	Trousers	20\$
4	Superhero Belt	983403	Accessory	9\$

5	Superman Cloak	359485	Accessory	30\$
6	Captain America Shield	298203	Accessory	27\$
7	Captain America Mask	349853	Accessory	19\$
8	Batman Costume	983459	Costume	75\$

Id	Product Id	Size	Color	In Stock
1	1	M-Medium	K-Black	2
2	1	M-Medium	DB-Dark Blue	4
3	1	L-Large	K-Black	3
4	1	XL-Extra Large	NULL	NULL
5	2	L-Large	R-Red	10
6	2	L-Large	RB-RedBlue	1
7	2	XL-Extra-Large	R-Red	3
8	2	XL-Extra-Large	RB-RedBlue	8
9	3	M-Medium	K-Black	10
10	3	L-Large;	K-Black	2
11	4	M-Medium	G-Gray	3
12	4	L-Large	G-Gray	0
13	5	S-Standard	R-Red	6
14	6	S-Standard	RB-RedBlue	3
15	7	M-Medium	B-Blue	10
16	7	L-Large	B-Blue	1
17	8	M-Medium	GK-Gray Black	5
18	8	L-Large	GK-Gray Black	4
19	8	XL-Extra Large	GK-Gray Black	NULL

3NF - 3. Normal Form

CATEGORIES	
Id	Category
1	T-Shirt
2	Trousers
3	Accessory
4	Costume

PRODUCTS			
Id	Product Name	Barcode	Category Id
1	Batman T-shirt	129387	1
2	Superman T-shirt	349534	1
3	Superhero Tights	394754	2
4	Superhero Belt	983403	3
5	Superman Cloak	359485	3
6	Captain America Shield	298203	3
7	Captain America Mask	349853	3
8	Batman Costume	983459	4

PRODUCT_VARIANTS			
Id	Product Id	Size Id	Color
1	1	2	K-Black
2	1	2	DB-Dark Blue
3	1	3	K-Black
4	1	4	NULL
5	2	3	R-Red
6	2	3	RB-RedBlue
7	2	4	R-Red

8	2	4	RB-RedBlue
9	3	2	K-Black
10	3	3	K-Black
11	4	2	G-Gray
12	4	3	G-Gray
13	5	1	R-Red
14	6	1	RB-RedBlue
15	7	2	B-Blue
16	7	3	B-Blue
17	8	2	GK-Gray Black
18	8	3	GK-Gray Black
19	8	4	GK-Gray Black

SIZES	
Id	Size
1	S-Standard
2	M-Medium
3	L-Large
4	XL-Extra Large

Price	In Stock
11\$	M-K: 2; M-DB: 4; L-K: 3;
13\$	L-R: 10; XL-R: 3; L-RB: 1; XL-RB: 8;
20\$	M-K: 10; L-K: 2;
9\$	M-G: 3; L-G: 0;
30\$	S-R: 6;
27\$	S-RB: 3;
19\$	M-B: 10; L-B: 1;
75\$	M-GK: 5; L-GK: 4;



Price	In Stock
11\$	2
11\$	4
11\$	3
11\$	NULL
13\$	10
13\$	1
13\$	3
13\$	8
20\$	10
20\$	2
9\$	3
9\$	0
30\$	6
27\$	3
19\$	10
19\$	1
75\$	5
75\$	4







Price
11\$
13\$
20\$
9\$
30\$
27\$
19\$
75\$

In Stock
2
4
3
NULL
10
1
3

8
10
2
3
0
6
3
10
1
5
4
NULL









