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Basic Data Information:

There are 541,909 rows and 8 columns in the data.

Here are the data types per column:

Column data types	
InvoiceNo	object
StockCode	object
Description	object
Quantity	int64
InvoiceDate	object
UnitPrice	float64
CustomerID	float64
Country	object

There are 3 numeric columns and 5 non-numeric columns.

Missing Values:

	count_of_missing_values
CustomerID	135080
Description	1454

Descriptive Statistics:

	count	unique	top	freq	mean	std	min	25%	50%	75%	max
InvoiceNo	541909	25900	573585	1114	NaN	NaN	NaN	NaN	NaN	NaN	NaN
StockCode	541909	4070	85123A	2313	NaN	NaN	NaN	NaN	NaN	NaN	NaN
Description	540455	4223	WHITE HANGING HEART T-LIGHT HOLDER	2369	NaN	NaN	NaN	NaN	NaN	NaN	NaN
Quantity	541909.0	NaN	NaN	NaN	9.55225	218.081158	-80995.0	1.0	3.0	10.0	80995.0
InvoiceDate	541909	23260	10/31/2011 14:41	1114	NaN	NaN	NaN	NaN	NaN	NaN	NaN
UnitPrice	541909.0	NaN	NaN	NaN	4.611114	96.759853	-11062.06	1.25	2.08	4.13	38970.0
CustomerID	406829.0	NaN	NaN	NaN	15287.69057	1713.600303	12346.0	13953.0	15152.0	16791.0	18287.0
Country	541909	38	United Kingdom	495478	NaN	NaN	NaN	NaN	NaN	NaN	NaN

Unique items per column:

unique_values

InvoiceNo	25900
InvoiceDate	23260
CustomerID	4372
Description	4223
StockCode	4070
UnitPrice	1630
Quantity	722
Country	38

Data preview: first 5 rows

	InvoiceNo	StockCode	Description	Quantity	InvoiceDate	UnitPrice	CustomerID	Country
0	536365	85123A	WHITE HANGING HEART T-LIGHT HOLDER	6	12/1/2010 8:26	2.55	17850.0	United Kingdom
1	536365	71053	WHITE METAL LANTERN	6	12/1/2010 8:26	3.39	17850.0	United Kingdom
2	536365	84406B	CREAM CUPID HEARTS COAT HANGER	8	12/1/2010 8:26	2.75	17850.0	United Kingdom
3	536365	84029G	KNITTED UNION FLAG HOT WATER BOTTLE	6	12/1/2010 8:26	3.39	17850.0	United Kingdom
4	536365	84029E	RED WOOLLY HOTTIE WHITE HEART.	6	12/1/2010 8:26	3.39	17850.0	United Kingdom

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End of basic data summary for data.csv
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