Variable Name	Description	Data Type	Values	Source	Missing Values
year	The year the withdrawal was made.	Integer	2017	Spar Nord	None
month	The month the withdrawal was made.	text	January : December	Spar Nord	None
day	The day of month the withdrawal was made.	Integer	1 : 31	Spar Nord	None
weekday	The day of the week the withdrawal was made.	text	Sunday : Saturday	Spar Nord	None
hour	The hour of day the withdrawal was made.	Integer	1 : 24	Spar Nord	None
atm_status	Is the atm still in service or has it been closed permanently	text	Active | Inactive	Spar Nord	None
atm_id	An arbitrary unique ID number for each ATM	text	1 : 113	Spar Nord	None
atm_manufacturer	The manufacturer of the ATM	factor	NCR | Diebold Nixdorf	Spar Nord	None
atm_location	A text string describing the location of the atm, typically a city. If the string contains "Intern", the atm is located inside a Spar Nord branch and can only be used within opening hours	text	113 unique strings	Spar Nord	None
atm_streetname	The streetname of the street where the atm is located	text	83 unique strings	Spar Nord	None
atm_street_number	The streetnumber where the atm is located	integer	1 : 452	Spar Nord	None
atm_zipcode	The zipcode where the atm is located	integer	1550 : 9990	Spar Nord	None

atm_lat	Latitude of the atm location, coordinates are WGS84	numeric	55.06 : 57.72	www.dawa.aws.dk - Styrelsen for Dataforsyning og Effektivisering (SDFE) and Google	None
atm_lon	Longitude of the atm location, coordinates are WGS84	numeric	8.408 : 12.612	www.dawa.aws.dk - Styrelsen for Dataforsyning og Effektivisering (SDFE) and Google	None
currency	Currency of the withdrawal	text	DKK |EUR |GBP|USD	Spar Nord	None
card_type	The type of card that was used in the withdrawal. If it ends with the string "- on-us" it means it is a card issued by Spar Nord and hence, a Spar Nord customer.	text	12 unique strings	Spar Nord	None
transaction_amount	The amount of money processed in the transaction	integer	0 : 10000	Random Function Generation for Analysis purpose	None
service	The atm service used. Some atms allow deposits, but deposits are stripped from the data, so only withdrawals are included.	text	Withdrawal	Spar Nord	None
message_code	Error codes. Missing value means the withdrawal was made without error.	text		Spar Nord	Yes

message_text	Error text message corresponding to an error code. Missing value means the withdrawal was made without error.	text		Spar Nord	Yes
weather_lat	Longitude of the weather measurement location, coordinates are WGS84. Weather data is joined to the atm data by the cartesian minimum distance between the atm lat, lon and the weather lat, lon. Hence, the location of the weather	numeric	8.450 : 12.614	https://openweathermap.org/	None

	measurement may not be the same city as the atm location.				
weather_lon	Latitude of the weather measurement location, coordinates are WGS84. Weather data is joined to the atm data by the cartesian minimum distance between the atm lat, lon and the weather lat, lon. Hence, the location of the weather measurement may not be the same city as the atm location.	numeric	55.06 : 57.72	https://openweathermap.org/	None
weather_city_id	The city id of the city where the measurement was taken	Integer		https://openweathermap.org/	None
weather_city_name	The name of the city where the measurement was taken	text	53 unique strings	https://openweathermap.org/	None
temp	Temperature at the moment of measurement within the hour. The temperature is provided only in Kelvins	numeric	260.0 : 302.1	https://openweathermap.org/	None
pressure	Atmospheric pressure (on the sea level), hPa	Integer	974 : 1057	https://openweathermap.org/	None

humidity	Humidity, %	Integer	0 : 174	https://openweathermap.org/	None
wind_speed	Wind speed. Unit Default: meter/sec	Integer	0 : 77	https://openweathermap.org/	None
wind_deg	Wind direction, degrees (meteorological)	Integer	0 : 360	https://openweathermap.org/	None
rain_3h	Rain volume for the last 3 hours	numeric	0.1 : 25.4	https://openweathermap.org/	Yes
clouds_all	Cloudiness, %	Integer	0 : 100	https://openweathermap.org/	None
weather_id	Weather condition id	Integer		https://openweathermap.org/	None
weather_main	Group of weather parameters (Rain, Snow, Extreme etc.)	text	Clear | Clouds | Drizzle | Fog | Haze|Mist | Rain | Snow | Thunderstorm | TORNADO	https://openweathermap.org/	None
weather_description	Weather condition within the group	text	32 unique strings	https://openweathermap.org/	None