

# Data Cleaning

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99  -- Museum : Data Cleaning
100 -- Standardizing Data
101 -- Correctly Sorting Postal Codes From City
102 -- Correctly Sorting City From State
103 • SELECT *
104 FROM museum_copy;
105 -- Correctly Sorting State Column Texts That Are Suppose To be In City Column
106 • UPDATE museum_copy
107 SET city = state
108 WHERE city = '' AND state REGEXP '[A-Za-z]';
109 -- Correctly Sorting Numbers That Were In City Column To Postal Column
110 • UPDATE museum_copy
111 SET postal = city
112 WHERE city REGEXP '.*[0-9].*';
113 -- Putting NULL Values In Postal Column
114 • UPDATE museum_copy
115 SET postal = NULL
116 WHERE TRIM(postal) = '';
117 -- Dropping State Column
118 • ALTER TABLE museum_copy
119 DROP COLUMN state;
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	museum_id	name	address	city	postal	country	phone	url
▶	30	The Museum of Modern Art	11 W 53rd St	New York	10019	USA	+1 212 708-9400	https://www.moma.org/
	31	Pushkin State Museum of Fine Arts	12 Ulitsa Volkhonka	Moscow	119019	Russia	+7 495 697-95-78	https://pushkinmuseum.art/
	32	National Gallery of Victoria	180 St Kilda Rd	Melbourne	3004	Australia	+61 (0)3 8620 2222	https://www.ngv.vic.gov.au/
	33	SÃ£o Paulo Museum of Art	Av. Paulista, 1578 - Bela Vista	SÃ£o Paulo	01310-200	Brazil	+55 11 3149-5959	https://masp.org.br/
	34	The State Hermitage Museum	Palace Square	Sankt-Peterburg	2	Russia	7 812 710-90-79	https://www.hermitagemuseum.org/wps
	35	The Metropolitan Museum of Art	1000 5th Ave	New York	10028	USA	+1 212 535-7710	https://www.metmuseum.org/
	36	Museum Folkwang	Museumsplatz 1	Essen	45128	Germany	49 201 8845000	https://www.museum-folkwang.de/en
	37	Museum of Grenoble	5 Pl. de Lavalette	Grenoble	38000	France	33 4 76 63 44 44	https://www.museedegrenoble.fr/1986-1
	38	MusÃ©e des Beaux-Arts de Quimper	40 Pl. Saint-Corentin	Quimper	29000	France	33 2 98 95 45 20	https://www.mbaq.fr/en/home-3.html
	39	Nelson-Atkins Museum of Art	4525 Oak St	Kansas City	64111	USA	+1 816 751-1278	https://www.nelson-atkins.org/
	40	MusÃ©e du Louvre	Rue de Rivoli	Paris	75001	France	33 1 40 20 50 50	https://www.louvre.fr/en
	41	National Maritime Museum	Romney Rd	London	NULL	United K...	44 20 8858 4422	https://www.rmg.co.uk/national-maritime
	42	Museum of Fine Arts Boston	465 Huntington Ave	Boston	2115	USA	617-267-9300	https://www.mfa.org/
	43	Rijksmuseum	Museumstraat 1	Amsterdam	1071 XX	Netherl...	31 20 674 7000	https://www.rijksmuseum.nl/en/visit
	...	...	...	...	...	...	...	...

- Correctly Sorting State Column Texts That Are Suppose To be In City Column
- Correctly Sorting Numbers That Were In City Column To Postal Column
- Putting Null Values In Postal Column
- Dropping State Column

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	44	Israel Museum	Derech Ruppin 11	Jerusalem			Israel	972 2-670-8811	https://www.imj.org.il/en

museum\_copy 39 x

Output :

Action Output

#	Time	Action	Message
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