

CHECKING FOR NULL VALUES

```
32 • SELECT *
33 FROM artist_copy
34 WHERE artist_id IS NULL
35 OR full_middle_last_name IS NULL
36 OR nationality IS NULL
37 OR style IS NULL
38 OR birth IS NULL
39 OR death IS NULL;
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content: |

artist_id	full_middle_last_name	nationality	style	birth	death
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Table: artist_copy

Columns:

artist_id	int
full_name	text
first_name	text
middle_names	text
last_name	text
nationality	text
style	text
birth	int
death	int

TRIMMING COLUMNS

```
41 -- Standardizing Data : Trimming Columns
42 • SELECT full_middle_last_name, TRIM(full_middle_last_name),
43 nationality, TRIM(nationality),
44 style, TRIM(style);
45
46 • UPDATE artist_copy
47 SET full_middle_last_name = TRIM(full_middle_last_name),
48 nationality = TRIM(nationality),
49 style = TRIM(style);
50
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content: |

artist_id	full_middle_last_name	nationality	style	birth	death
506	Julien DuprÃ©	French	Naturalist	1851	1910
507	George Catlin	American	American West	1796	1872
508	Federico Zandomeneghi	Italian	Expressionist	1841	1917
509	Cornelis Springer	Dutch	Landscape Art	1817	1891
510	Hans Memling	Dutch	Northern Ren...	1435	1494
511	Piet Mondrian	Dutch	Modern Art	1872	1944
512	Lemuel Francis Abbott	English	Portraitist	1760	1803
513	Mary Cassatt	American	Impressionist	1844	1926
514	Heinrich Campendonk	German	Expressionist	1889	1957
515	Thomas Cole	American	Hudson River ...	1801	1848
516	Thomas Luny	English	Marine Art	1759	1837
517	EugÃ¨ne-Louis Boudin	French	Impressionist	1824	1898
518	Hendrick Dubbels	Dutch	Marine Art	1621	1676
519	Frank Duveneck	Frank Duveneck	at	1848	1919
520	Asher Brown Durand	American	Hudson River ...	1796	1886
521	George Henry Laporte	English	Realist	1799	1873
522	Peter Monamy	English	Marine Art	1681	1749

Table: artist_copy

Columns:

artist_id	int
full_name	text
first_name	text
middle_names	text
last_name	text
nationality	text
style	text
birth	int
death	int