

File Edit View Query Database Server Tools Scripting Help

Navigator: cleaning paintings - Schema

Filter objects

cleaning paintings

- Tables
 - artist
 - artist_copy
- Views
- Stored Procedures
- Functions

sys

Query 1 x cleaning paintings - Schema

Limit to 1000 rows

```
1 -- Data Cleaning : Removing Duplicates , Standardizing Data, Null or Blanks, Dropping Columns
2 • SELECT *
3 FROM artist;
4 -- Copying of Table ( Data copy will be the one we work with not raw data , Good Practice)
5 • CREATE TABLE artist_copy
6 LIKE artist;
7
8 • INSERT INTO artist_copy
9 SELECT *
10 FROM artist;
11
12 • SELECT *
13 FROM artist_copy;
```

Result Grid

	artist_id	full_name	first_name	middle_names	last_name	nationality	style	birth	death
▶	500	Pierre-Auguste Renoir	Pierre	Auguste	Renoir	French	Impressionist	1841	1919
	501	Alexandre Cabanel	Alexandre		Cabanel	French	Classicist	1823	1889
	502	James Ensor	James		Ensor	Belgian	Expressionist	1860	1949
	503	Maximilien Luce	Maximilien		Luce	French	Pointillist	1858	1941
	504	August Macke	August		Macke	German	Expressionist	1887	1914
	505	Thomas Gainsborough	Thomas		Gainsborough	English	Rococo	1727	1788
	506	Julien DuprÃ©	Julien		DuprÃ©	French	Naturalist	1851	1910
	507	George Catlin	George		Catlin	American	American West	1796	1872

- Standardizing Data
- Data Cleaning

- Checking or Removing Duplicates
- Dropping Columns
- Changing Column title

```
15 -- Dropping First_Name , Middle_Names , Last_Name Columns And Renaming Full_Name Column
16 • ALTER TABLE artist_copy
17 DROP COLUMN first_name,
18 DROP COLUMN middle_names,
19 DROP COLUMN last_name;
20 -- Changing full_name column to full_middle_last_name
21 • ALTER TABLE artist_copy
22 CHANGE full_name full_middle_last_name text;
```

Result Grid

	artist_id	full_middle_last_name	nationality	style	birth	death
▶	500	Pierre-Auguste Renoir	French	Impressionist	1841	1919
	501	Alexandre Cabanel	French	Classicist	1823	1889
	502	James Ensor	Belgian	Expressionist	1860	1949
	503	Maximilien Luce	French	Pointillist	1858	1941
	504	August Macke	German	Expressionist	1887	1914
	505	Thomas Gainsborough	English	Rococo	1727	1788
	506	Julien DuprÃ©	French	Naturalist	1851	1910
	507	George Catlin	American	American West	1796	1872
	508	Federico Zandomenighi	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