

Company Records



Gildardo Gamino Torres

Data analysis, Data cleaning, Data transformation | MySQL, Excel

Overview

In this project, I utilized an Excel file containing company records where the information needed to be standardized, cleaned, and transformed to ensure it was ready for processing.

Key Points

Data Standardization: Applying SQL knowledge on the MySQL platform, I performed various processes, including:

- Renaming columns and data
- Verification and elimination of duplicate data
- Removal of leading and trailing spaces in cells
- Data type conversion
- Adjustment of time formats
- Giving meaning to information without a concrete meaning, among others.

Outcome

The project culminated in delivering a table with clean information, ready for further analysis in subsequent stages.

ROW TABLE

Syntax correction

Filling of empty data

Standardization to the same language

Unnecessary data substitution

Date format correction

id_empa2	Name	Apellido	birth_date	gÃ©nero	area	salary	star_date	finish_date	promotion_date	type
00-0037846	Kimmy	Walczyński	06/04/1991	hombre	Engineering	\$77,719	1/20/2002			0
00-0041533	Ignatius	Springett	6/29/1984	hombre	Business Development	\$135,189	04/08/2019			0
00-0045747	Corbie	Bittlestone	7/29/1989	hombre	Sales	\$123,424	10/12/2010			1
00-0055274	Baxy	Matton	9/14/1982	mujer	Services	\$82,100	04/10/2005			0
00-0076100	Terrell	Suff	04/11/1994	mujer	Product Management	\$114,648	9/29/2010	2029-10-29 06:09:38 UTC		1
00-0116166	Kacie	Offler	1/15/1971	hombre	Engineering	\$121,044	09/01/2018			0
00-0363185	Sandro	Admans	11/19/1979	hombre	Product Management	\$174,195	11/08/2012			1
00-0380704	Eugene	Lehrhan	10/14/1988	mujer	Engineering	\$66,031	6/27/2007			1
00-0381660	Wainwright	Corfield	12/13/1996	hombre	Engineering	\$164,055	2/20/2001	2008-12-05 01:21:48 UTC		0
00-0419202	Dyann	Isoldi	3/27/1980	hombre	Engineering	\$135,543	1/27/2005			1
00-0472287	Grantley	Oret	09/06/1975	hombre	Services	\$166,001	11/01/2004			1
00-0472832	Elmore	Worner	01/07/1966	mujer	Engineering	\$117,567	12/05/2000			1
00-0566380	Dud	Brain	3/17/1984	hombre	Business Development	\$150,237	9/17/2008			0
00-0571075	Aguie	Conford	11/02/1971	hombre	Business Development	\$174,698	11/25/2015			1
00-0624189	Katerina	Rosborough	8/20/1967	hombre	Engineering	\$124,803	5/17/2019			1
00-0715212	Alida	Longley	1/28/1973	mujer	Accounting	\$156,904	02/04/2002			0
00-0755645	Laraine	Petre	05/11/1967	hombre	Engineering	\$140,626	9/30/2010			1
00-0778934	Gareth	MacCook	2/21/1987	mujer	Legal	\$107,742	2/18/2010			1
00-0794247	Scottie	Chestney	2/23/1972	mujer	Engineering	\$90,315	07/03/2002			1

CLEAN TABLE

	id_emp	name	last_name	birth_date	gender	area	salary	start_date	finish_date	promotion_date	type
►	03-6484841	Darbie	Strangeway	2002-07-16	Male	Sales	116804	2004-05-18	NULL		Hybrid
	00-3402094	Addie	Coldman	2002-07-10	Female	Engineering	184325	2011-09-25	NULL		Hybrid
	01-9742001	Pierette	Ramas	2002-07-03	Male	Training	143952	2009-07-04	2016-01-03		Hybrid
	02-9613665	Sindee	Kike	2002-06-26	Male	Marketing	97912	2001-01-10	NULL		Remote
	04-1517613	Teodoor	Pedgrift	2002-06-11	Female	Engineering	154630	2006-01-26	2010-05-10		Remote
	02-5228412	Scarlet	Muggleton	2002-06-07	Male	Engineering	168090	2020-02-11	NULL		Hybrid
	04-2016958	Arne	Olekhov	2002-06-01	Female	Engineering	175951	2007-12-28	NULL		Hybrid
	02-8349881	Glenda	Serfati	2002-05-13	Female	Training	123399	2001-09-16	2005-04-04		Hybrid
	02-2264688	Gearalt	Townshend	2002-04-30	Female	Engineering	124415	2000-12-09	NULL		Hybrid
	01-8019865	Marline	Bailiss	2002-04-18	Male	Engineering	105827	2002-10-10	NULL		Hybrid
	04-4365552	Zandra	Semaine	2002-03-31	Female	Engineering	124513	2008-08-10	NULL		Remote
	01-0204393	Josephine	Marriot	2002-03-30	Female	Engineering	147302	2011-03-19	NULL		Remote
	03-0743140	Arte	McAster	2002-03-05	Female	Engineering	96536	2019-02-03	NULL		Remote
	04-1721497	Antonia	Hallyburton	2002-02-27	Female	Engineering	171005	2005-09-02	NULL		Remote
	03-5120478	Mano	Greatham	2002-01-27	Female	Training	72823	2013-08-14	NULL		Remote
	03-7070071	Loutitia	Lambdean	2002-01-26	Female	Research and Develo...	140193	2006-01-12	NULL		Hybrid
	03-9868932	Marline	Peinke	2002-01-20	Male	Accounting	162012	2020-05-12	NULL		Hybrid
	02-8015603	Gaye	Candelin	2002-01-14	Male	Human Resources	109161	2006-06-15	NULL		Hybrid
	03-0917668	Bria	Parlour	2001-12-13	Male	Services	67756	2001-12-07	NULL		Remote