

Alex the Analyst - Data Cleaning using SQL

Issue 1: CSV Import Issue using 'Table Data Import Wizard'

Layoffs dataset contains 2361 total records.

Importing the file as CSV only imported 564 records.

Fix: Based on online research - converting CSV -> JSON and importing JSON worked.

Issue 2: DELETE issue due to MySQL Workbench Setting

Error Response -> Error Code: 1175. You are using safe update mode and you tried to update a table without a WHERE that uses a KEY column. To disable safe mode, toggle the option in Preferences -> SQL Editor and reconnect.

Fix: Use

SET SQL_SAFE_UPDATES = 0; To disable

SET SQL_SAFE_UPDATES = 1; to enable after deleting records if required.

Issue 3: String to Date Conversion Error due to 'NULL' values.

Fix: Updated NULL Values to 1/1/1800 before converting to Date.

NOTE: Format of date should be inline with rest of the data before using str_to_date () function.

Issue 4: Updating industry based on self join - did not go through due to some entries being NULL, some blank.

Fix: Standardize values to avoid confusion.

Convert String 'NULL' and blanks to NULL markers.