Suspect Vendors

Identifying Vendors from the OFAC Sanctions List

Overview

The U.S. Department of the Treasury's Office of Foreign Assets Control (OFAC) oversees U.S. economic and trade sanctions. These sanctions target certain foreign countries, known terrorists, narcotics traffickers, and other threats. OFAC strongly encourages companies to have a sanction compliance program that includes internal controls and auditing.

To ensure compliance with OFAC policies, invoices authorized for payment are checked against the OFAC Consolidated Screening List (CSL), which is a list of sanctioned individuals or entities maintained by the Office of Foreign Assets Control. Identify whether any of the provided vendors are on the OFAC CSL.

Objective

Determine whether any of the vendors are on the OFAC CSL. Create a single output file with all of the vendors that are on the list separated into three tabs based on the vendor's status.

Additional note: In a real-world process we would want to check for names that are similar but slightly different (think Fred vs. Freddy). In this example, exact matches are all we are looking for, but in some instances companies might want to utilize fuzzy matching to identify pairs that are close but not exact.

Processes

1. Pull in the Vendors.yxdb file, clean the names by removing punctuation and standardizing the case, and ensure there is only one record for each Vendor ID.
2. Pull in the Consolidated Screening List – Modified.yxdb, clean the names by removing punctuation and standardizing case, and add a unique identifier to each record.
3. Identify the vendors that are present on the OFAC list, and organize those vendors by date with the newest vendors first. Remove any fields that are entirely blank.
4. Output an Excel file of those vendors with a separate tab for each status.

Data Dictionary

Vendors.yxdb

Column Name	Data Type	Description
VendorID	V_String	
CreateDate	DateTime	
Status	V_String	
Vendor Name	V_String	

Consolidated Screening List – Modified (CSL)

Government list modified to remove some extraneous columns

Column Name	Data Type	Description
source	V_WString	
entity_number	V_WString	
type	V_WString	
programs	V_WString	
name	V_WString	Name you are matching to
title	V_WString	
addresses	V_WString	
federal_register_notice	V_WString	
start_date	V_WString	
end_date	V_WString	
license_requirement	V_WString	
license_policy	V_WString	
remarks	V_WString	
alt_names	V_WString	
citizenships	V_WString	
dates_of_birth	V_WString	
nationalities	V_WString	
places_of_birth	V_WString	