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                                DataPrep_IDT_MIRIAM
/* -----
Code exported from SAS Enterprise Guide
DATE: vrijdag 23 augustus 2019      TIME: 15:06:46
PROJECT: DataPrep_IDT_MClerx

----- */

/* Library assignment for SASApp.DWHTCS */
;

/* Conditionally delete set of tables or views, if they exists          */
/* If the member does not exist, then no action is performed          */
%macro _eg_conditional_dropds /parmbuff;

    %local num;
    %local stepneeded;
    %local stepstarted;
    %local dsname;
    %local name;

    %let num=1;
    /* flags to determine whether a PROC SQL step is needed */
    /* or even started yet                                     */
    %let stepneeded=0;
    %let stepstarted=0;
    %let dsname= %qscan(&syspbuff,&num,',()');
    %do %while(&dsname ne);
        %let name = %sysfunc(left(&dsname));
        %if %qsysfunc(exist(&name)) %then %do;
            %let stepneeded=1;
            %if (&stepstarted eq 0) %then %do;
                proc sql;
                %let stepstarted=1;

                %end;
                drop table &name;
            %end;

            %if %sysfunc(exist(&name,view)) %then %do;
                %let stepneeded=1;
                %if (&stepstarted eq 0) %then %do;
                    proc sql;
                    %let stepstarted=1;

                    %end;
                    drop view &name;
                %end;
            %let num=%eval(&num+1);
        %let dsname=%qscan(&syspbuff,&num,',()');
    %end;
    %if &stepstarted %then %do;
        quit;
    %end;

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%mend _eg_conditional_dropds;

/* Build where clauses from stored process parameters */
%macro _eg_WhereParam( COLUMN, PARM, OPERATOR, TYPE=S, MATCHALL=_ALL_VALUES_,
MATCHALL_CLAUSE=1, MAX= , IS_EXPLICIT=0, MATCH_CASE=1);

%local q1 q2 sq1 sq2;
%local isEmpty;
%local isEqual isNotEqual;
%local isIn isNotIn;
%local isString;
%local isBetween;

%let isEqual = ("%QUPCASE(&OPERATOR)" = "EQ" OR "&OPERATOR" = "=");
%let isNotEqual = ("%QUPCASE(&OPERATOR)" = "NE" OR "&OPERATOR" = "<>");
%let isIn = ("%QUPCASE(&OPERATOR)" = "IN");
%let isNotIn = ("%QUPCASE(&OPERATOR)" = "NOT IN");
%let isString = (%QUPCASE(&TYPE) eq S or %QUPCASE(&TYPE) eq STRING );
%if &isString %then
%do;
    %if "&MATCH_CASE" eq "0" %then %do;
        %let COLUMN = %str(UPPER%(&COLUMN%));
    %end;
    %let q1=%str("%");
    %let q2=%str("%");
    %let sq1=%str('%');
    %let sq2=%str('%');
%end;
%else %if %QUPCASE(&TYPE) eq D or %QUPCASE(&TYPE) eq DATE %then
%do;
    %let q1=%str("%");
    %let q2=%str("%d");
    %let sq1=%str('%');
    %let sq2=%str('%');
%end;
%else %if %QUPCASE(&TYPE) eq T or %QUPCASE(&TYPE) eq TIME %then
%do;
    %let q1=%str("%");
    %let q2=%str("%t");
    %let sq1=%str('%');
    %let sq2=%str('%');
%end;
%else %if %QUPCASE(&TYPE) eq DT or %QUPCASE(&TYPE) eq DATETIME %then
%do;
    %let q1=%str("%");
    %let q2=%str("%dt");
    %let sq1=%str('%');
    %let sq2=%str('%');
%end;
%else
%do;

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%let q1=;
%let q2=;
    %let sq1=;
%let sq2=;
%end;

%if "&PARM" = "" %then %let PARM=&COLUMN;

%let isBetween = ("%QUPCASE(&OPERATOR)"="BETWEEN" or
"%QUPCASE(&OPERATOR)"="NOT BETWEEN");

%if "&MAX" = "" %then %do;
    %let MAX = &parm._MAX;
    %if &isBetween %then %let PARM = &parm._MIN;
%end;

%if not %symexist(&PARM) or (&isBetween and not %symexist(&MAX)) %then %do;
    %if &IS_EXPLICIT=0 %then %do;
        not &MATCHALL_CLAUSE
    %end;
    %else %do;
        not 1=1
    %end;
%end;
%else %if "%qupcase(&&&PARM)" = "%qupcase(&MATCHALL)" %then %do;
    %if &IS_EXPLICIT=0 %then %do;
        &MATCHALL_CLAUSE
    %end;
    %else %do;
        1=1
    %end;
%end;
%else %if (not %symexist(&PARM._count)) or &isBetween %then %do;
    %let isEmpty = ("&&&PARM" = "");
    %if (&isEqual AND &isEmpty AND &isString) %then
        &COLUMN is null;
    %else %if (&isNotEqual AND &isEmpty AND &isString) %then
        &COLUMN is not null;
    %else %do;
        %if &IS_EXPLICIT=0 %then %do;
            &COLUMN &OPERATOR
                %if "&MATCH_CASE" eq "0" %then %do;
                    %unquote(&q1)%QUPCASE(&&&PARM)%unquote(&q2)
                %end;
                %else %do;
                    %unquote(&q1)&&&PARM%unquote(&q2)
                %end;
            %end;
        %else %do;
            &COLUMN &OPERATOR
                %if "&MATCH_CASE" eq "0" %then %do;

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                                DataPrep_IDT_MIRIAM
%unquote(%nrstr(&sq1))%QUPCASE(&&&PARM)%unquote(%nrstr(&sq2))
                                %end;
                                %else %do;

%unquote(%nrstr(&sq1))&&&PARM%unquote(%nrstr(&sq2))
                                %end;

                                %end;
                                %if &isBetween %then
                                AND %unquote(&q1)&&&MAX%unquote(&q2);
                                %end;
                                %end;
                                %else
                                %do;
                                %local emptyList;
                                %let emptyList = %symexist(&PARM._count);
                                %if &emptyList %then %let emptyList = &&&PARM._count = 0;
                                %if (&emptyList) %then
                                %do;
                                %if (&isNotin) %then
                                1;
                                %else
                                0;

                                %end;
                                %else %if (&&&PARM._count = 1) %then
                                %do;
                                %let isEmpty = ("&&&PARM" = "");
                                %if (&isIn AND &isEmpty AND &isString) %then
                                &COLUMN is null;
                                %else %if (&isNotin AND &isEmpty AND &isString) %then
                                &COLUMN is not null;
                                %else %do;
                                %if &IS_EXPLICIT=0 %then %do;
                                %if "&MATCH_CASE" eq "0" %then %do;
                                &COLUMN &OPERATOR
                                (%unquote(&q1)%QUPCASE(&&&PARM)%unquote(&q2))
                                %end;
                                %else %do;
                                &COLUMN &OPERATOR
                                (%unquote(&q1)&&&PARM%unquote(&q2))
                                %end;
                                %end;
                                %else %do;
                                &COLUMN &OPERATOR (
                                %if "&MATCH_CASE" eq "0" %then %do;

%unquote(%nrstr(&sq1))%QUPCASE(&&&PARM)%unquote(%nrstr(&sq2)))
                                %end;
                                %else %do;

%unquote(%nrstr(&sq1))&&&PARM%unquote(%nrstr(&sq2)))
                                %end;

                                %end;

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        %end;
    %end;
    %else
    %do;
        %local addIsNull addIsNotNull addComma;
        %let addIsNull = %eval(0);
        %let addIsNotNull = %eval(0);
        %let addComma = %eval(0);
        (&COLUMN &OPERATOR (
        %do i=1 %to &&&PARM._count;
            %let isEmpty = ("&&&PARM&i" = "");
            %if (&isString AND &isEmpty AND (&isIn OR &isNotIn)) %then
            %do;
                %if (&isIn) %then %let addIsNull = 1;
                %else %let addIsNotNull = 1;
            %end;
            %else
            %do;
                %if &addComma %then %do;,%end;
                %if &IS_EXPLICIT=0 %then %do;
                    %if "&MATCH_CASE" eq "0" %then %do;

%unquote(&q1)%QUPCASE(&&&PARM&i)%unquote(&q2)
                    %end;
                    %else %do;
                        %unquote(&q1)&&&PARM&i%unquote(&q2)
                    %end;
                %end;
                %else %do;
                    %if "&MATCH_CASE" eq "0" %then %do;

%unquote(%nrstr(&sq1))%QUPCASE(&&&PARM&i)%unquote(%nrstr(&sq2))
                    %end;
                    %else %do;

%unquote(%nrstr(&sq1))&&&PARM&i%unquote(%nrstr(&sq2))
                    %end;
                %end;
                %let addComma = %eval(1);
            %end;
        %end;)
        %if &addIsNull %then OR &COLUMN is null;
        %else %if &addIsNotNull %then AND &COLUMN is not null;
        %do;)
    %end;
    %end;
%mend _eg_WhereParam;

/* ----- */
/* MACRO: enterpriseguide */

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                                DataPrep_IDT_MIRIAM
/* PURPOSE: define a macro variable */
/*   that contains the file system */
/*   path of the WORK library on the */
/*   server. Note that different */
/*   logic is needed depending on the */
/*   server type. */
/* ----- */
%macro enterpriseguide;
%global sasworklocation;
%local tempdsn unique_dsn path;

%if &sysscp=OS %then %do; /* MVS Server */
    %if %sysfunc(getoption(filesystem))=MVS %then %do;
        /* By default, physical file name will be considered a classic MVS data
set. */
        /* Construct dsn that will be unique for each concurrent session
under a particular account: */
        filename egtemp '&egtemp' disp=(new,delete); /* create a
temporary data set */
        %let tempdsn=%sysfunc(pathname(egtemp)); /* get dsn */
        filename egtemp clear; /* get rid of data set - we only wanted
its name */
        %let unique_dsn=".EGTEMP.%substr(&tempdsn, 1, 16).PDSE";
        filename egtmpdir &unique_dsn
            disp=(new,delete,delete) space=(cyl,(5,5,50))
            dsorg=po dsntype=library recfm=vb
            lrecl=8000 blksize=8004 ;
        options fileext=ignore ;
    %end;
%else %do;
    /*
        By default, physical file name will be considered an HFS
(hierarchical file system) file.
    */
    %if "%sysfunc(getoption(filetempdir))"="" %then %do;
        filename egtmpdir '/tmp';
    %end;
    %else %do;
        filename egtmpdir "%sysfunc(getoption(filetempdir))";
    %end;
%end;
    %let path=%sysfunc(pathname(egtmpdir));
    %let sasworklocation=%sysfunc(quote(&path));
%end; /* MVS Server */
%else %do;
    %let sasworklocation = "%sysfunc(getoption(work))"/";
%end;
%if &sysscp=VMS_AXP %then %do; /* Alpha VMS server */
    %let sasworklocation = "%sysfunc(getoption(work))";
%end;
%if &sysscp=CMS %then %do;

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        %let path = %sysfunc(getoption(work));
        %let sasworklocation = "%substr(&path, %index(&path,%str( )))";
%end;
%mend enterpriseguide;

%enterpriseguide

/* save the current settings of XPIXELS and YPIXELS */
/* so that they can be restored later */
%macro _sas_pushchartsiz(new_xsize, new_ysize);
    %global _savedxpixels _savedypixels;
    options nonotes;
    proc sql noprint;
        select setting into :_savedxpixels
        from sashelp.vgopt
        where optname eq "XPIXELS";
        select setting into :_savedypixels
        from sashelp.vgopt
        where optname eq "YPIXELS";
    quit;
    options notes;
    GOPTIONS XPIXELS=&new_xsize YPIXELS=&new_ysize;
%mend _sas_pushchartsiz;

/* restore the previous values for XPIXELS and YPIXELS */
%macro _sas_popchartsiz;
    %if %symexist(_savedxpixels) %then %do;
        GOPTIONS XPIXELS=&_savedxpixels YPIXELS=&_savedypixels;
        %symdel _savedxpixels / nowarn;
        %symdel _savedypixels / nowarn;
    %end;
%mend _sas_popchartsiz;

ODS PROCTITLE;
OPTIONS DEV=PNG;
GOPTIONS XPIXELS=0 YPIXELS=0;
FILENAME EGSRX TEMP;
ODS tagsets.sasreport13(ID=EGSRX) FILE=EGSRX
    STYLE=HTMLBlue

STYLESHEET=(URL="file:///D:/applic/SAS/SASHome/x86/SASEnterpriseGuide/7.1/Styles
/HTMLBlue.css")
    NOGTITLE
    NOGFOOTNOTE
    GPATH=&sasworklocation
    ENCODING=UTF8
    options(rolap="on")
;

/*  START OF NODE: Filter op status, Intra Trade, goedersoort, diersoort,

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```
bestemming, 2018 */
%LET _CLIENTTASKLABEL='Filter op status, Intra Trade, goeder soort, diersoort,
bestemming, 2018';
%LET _CLIENTPROCESSFLOWNAME='Data preparatie Miriam';
%LET _CLIENTPROJECTPATH='E:\Users\_Ken0_Datascience\007 Hondenhandel\007.03
Fraude analyse\Datapreparatie_honden_MIRIAM.egp';
%LET _CLIENTPROJECTPATHHOST='w1052p0033.cicapp.nl';
%LET _CLIENTPROJECTNAME='Datapreparatie_honden_MIRIAM.egp';

GOPTIONS ACCESSIBLE;
%_eg_conditional_dropds(WORK.TCS_CERTIFICATEN_FILTER);
```

```
PROC SQL;
CREATE TABLE WORK.TCS_CERTIFICATEN_FILTER AS
SELECT t1.SORTEER_NUMMER,
t1.SOORT_CERTIFICAAT,
t1.REFERENTIE_NUMMER,
t1.VOLGNUMMER_GNCODE,
t1.LOKAAL_REFERENTIE_NUMMER,
t1.STATUS,
t1.VERZENDER_NAAM,
t1.VERZENDER_STRAAT,
t1.VERZENDER_POST_CODE,
t1.VERZENDER_PLAATS,
t1.VERZENDER_LAND,
t1.VERZENDER_AKKOORD_NUMMER,
t1.VERZENDER_TYPE,
t1.VERZENDER_TRACES_ID,
t1.CENTRALE_UNIT_ID,
t1.LOKALE_UNIT_ID,
t1.BIP,
t1.ONTVANGER_NAAM,
t1.ONTVANGER_STRAAT,
t1.ONTVANGER_POST_CODE,
t1.ONTVANGER_PLAATS,
t1.ONTVANGER_LAND,
t1.ONTVANGER_AKKOORD_NUMMER,
t1.ONTVANGER_TYPE,
t1.ONTVANGER_TRACES_ID,
t1.DEALER_NAAM,
t1.DEALER_STRAAT,
t1.DEALER_POST_CODE,
t1.DEALER_PLAATS,
t1.DEALER_LAND,
t1.DEALER_AKKOORD_NUMMER,
t1.DEALER_TYPE,
t1.DEALER_TRACES_ID,
t1.BETROKKENE_NAAM,
t1.BETROKKENE_STRAAT,
t1.BETROKKENE_POST_CODE,
t1.BETROKKENE_PLAATS,
t1.BETROKKENE_LAND,
```


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```
t1.BETROKKENE_AKKOORD_NUMMER,
t1.BETROKKENE_TYPE,
t1.BETROKKENE_TRACES_ID,
t1.LAND_VAN_OORSPRONG,
t1.REGIO_VAN_OORSPRONG,
t1.LAND_VAN_BESTEMMING,
t1.REGIO_VAN_BESTEMMING,
t1.LAND_CODE_VERPAKT,
t1.OOGST_NAAM,
t1.OOGST_STRAAT,
t1.OOGST_POST_CODE,
t1.OOGST_PLAATS,
t1.OOGST_LAND,
t1.OOGST_AKKOORD_NUMMER,
t1.OOGST_TYPE,
t1.OOGST_TRACES_ID,
t1.IMPORTER_NAAM,
t1.IMPORTER_STRAAT,
t1.IMPORTER_POST_CODE,
t1.IMPORTER_PLAATS,
t1.IMPORTER_LAND,
t1.IMPORTER_AKKOORD_NUMMER,
t1.IMPORTER_TYPE,
t1.IMPORTER_TRACES_ID,
t1.BESTEMMING_NAAM,
t1.BESTEMMING_STRAAT,
t1.BESTEMMING_POST_CODE,
t1.BESTEMMING_PLAATS,
t1.BESTEMMING_LAND,
t1.BESTEMMING_AKKOORD_NUMMER,
t1.BESTEMMING_TYPE,
t1.BESTEMMING_TRACES_ID,
t1.LAADPLAATS_NAAM,
t1.LAADPLAATS_STRAAT,
t1.LAADPLAATS_POST_CODE,
t1.LAADPLAATS_PLAATS,
t1.LAADPLAATS_LAND,
t1.LAADPLAATS_AKKOORD_NUMMER,
t1.LAADPLAATS_TYPE,
t1.LAADPLAATS_TRACES_ID,
t1.VERTREK_DATUM_TIJD,
t1.VERTREK_DATUM_TIJD2,
t1.BIP_AANKOMST_DATUM_TIJD,
t1.BIP_AANKOMST_DATUM_TIJD2,
t1.VETERINAIR_DOCUMENT_NUMMER,
t1.VETERINAIR_DOCUMENT_DATUM,
t1.TRANSPORT_SOORT,
t1.TRANSPORT_IDENTIFICATIE,
t1.TRANSPORT_DOCUMENT,
t1.TRANSPORT_NAAM,
t1.TRANSPORT_STRAAT,
t1.TRANSPORT_POST_CODE,
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t1.TRANSPORT_PLAATS,
t1.TRANSPORT_LAND,
t1.TRANSPORT_AKKOORD_NUMMER,
t1.TRANSPORT_TYPE,
t1.TRANSPORT_TRACES_ID,
t1.GOEDERENSOORT_CODE,
t1.COMPLEMENT_ID,
t1.DIERSOORT_TYPE,
t1.DIERSOORT_CLASS,
t1.DIERSOORT_FAMILY,
t1.DIERSOORT_MODEL,
t1.AANTAL_DIEREN,
t1.TEMPERATUUR,
t1.AANTAL_VERPAKKINGEN,
t1.TYPE_VERPAKKING,
t1.DIEREN_GECERTIFICEERD_VOOR,
t1.DERDE_LAND_ISO_CODE,
t1.EXIT_PUNT_ID,
t1.ENTRY_PUNT_ID,
t1.EXPORT_DERDE_LAND_ISO_CODE,
t1.EXPORT_EXIT_PUNT_ID,
t1.BRUTO_GEWICHT,
t1.NETTO_GEWICHT,
t1.VERZENDING_NAAR_BIP_ID,
t1.VERZENDING_DERDE_LAND_CODE,
t1.DERDE_LAND_CODE,
t1.EXIT_BIP_ID,
t1.IMPORT_TOEGANG_TYPE,
t1.IMPORT_TOEGANG_EXIT_DATUM,
t1.IMPORT_TOEGANG_EXIT_PUNT_ID,
t1.NA_GRENS_TRP_SOORT,
t1.NA_GRENS_TRP_IDENTIFICATIE,
t1.NA_GRENS_TRP_DOCUMENT,
t1.VERWACHTE_REISTIJD,
t1.VERWACHTE_REISTIJD_EENHEID,
t1.REIS_VERANTWOORDELIJKE,
t1.REIMPORT,
t1.INTERNE_MARKT,
t1.NON_BEVESTIGINGS_NUMMER,
t1.IDENTIFICATIE,
t1.HAVEN,
t1.VOLGENS_EU_RICHTLIJNEN,
t1.DECLARATIE_PLAATS,
t1.DECLARATIE_TEKEN_DATUM,
t1.DATUM_BESTEMMINGEN_CONTROLE_JOB,
t1.IND_ZENDING_CONTROLEREN,
t1.REDEN_INDICATIE_GEZET,
t1.DATUM_CONTROLE_SET_COMPLEET,
t1.DATUM_CONTROLE_PROCES_GESTART,
t1.IND_RAPPORTAGE_ONTVANGEN,
t1.IND_CONTROLE UITGEVOERD,
t1.IND_CONTROLE_NIET UITGEVOERD,

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t1.REDEN_CONTROLE_NIET UITGEVOERD,
t1.IND_IMPORT_MELDING_ONTVANGEN,
t1.ID,
t1.DATUM_STEEKPROEF_GEPRINT,
t1.REGIO_BIP_NUMMER,
t1.OFFICIELE_DIERENARTS,
t1.DIERENARTS_TEKEN_DATUM,
t1.VERVANGT_REFERENTIE_NUMMER,
t1.VERVANGEN_DOOR_REFERENTIE_NR,
t1.ORIGINELE_TEKEN_DATUM
FROM DWHTCS.DM_TCS_CERTIFICATEN t1
WHERE t1.STATUS = 'valid' AND t1.GOEDERENSOORT_CODE = '01061900' AND
t1.DIERSOORT_CLASS = 'Carnivora' AND
      t1.BESTEMMING_LAND = 'NL' AND t1.VERTREK_DATUM_TIJD2 >=
'1Jan2018:0:0:0'dt AND t1.VERTREK_DATUM_TIJD2 <
'1Jan2019:0:0:0'dt AND t1.SOORT_CERTIFICAAT = 'Intra Trade
certificaat';
QUIT;

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```
GOPTIONS NOACCESSIBLE;
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%LET _CLIENTTASKLABEL=;
%LET _CLIENTPROCESSFLOWNAME=;
%LET _CLIENTPROJECTPATH=;
%LET _CLIENTPROJECTPATHHOST=;
%LET _CLIENTPROJECTNAME=;

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```

/*  START OF NODE: Selectie kolommen en toevoegen rabies risico  */
%LET _CLIENTTASKLABEL='Selectie kolommen en toevoegen rabies risico';
%LET _CLIENTPROCESSFLOWNAME='Data preparatie Miriam';
%LET _CLIENTPROJECTPATH='E:\Users\KenO_Datascience\007 Hondenhandel\007.03
Fraude analyse\Datapreparatie_honden_MIRIAM.egp';
%LET _CLIENTPROJECTPATHHOST='w1052p0033.cicapp.nl';
%LET _CLIENTPROJECTNAME='Datapreparatie_honden_MIRIAM.egp';

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GOPTIONS ACCESSIBLE;
%_eg_conditional_dropds(WORK.TRACES_RABIES);

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PROC SQL;
  CREATE TABLE WORK.TRACES_RABIES AS
  SELECT t1.REFERENTIE_NUMMER,
         t1.VERTREK_DATUM_TIJD2,
         t1.AANTAL_DIEREN,
         t1.OOGST_NAAM,
         t1.OOGST_STRAAT,
         t1.OOGST_POST_CODE,
         t1.OOGST_PLAATS,
         t1.LAND_VAN_OORSPRONG,
         t1.BESTEMMING_NAAM,
         t1.BESTEMMING_STRAAT,

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t1.BESTEMMING_POST_CODE,
t1.BESTEMMING_PLAATS,
t1.LAND_VAN_BESTEMMING,
/* RABIES_RISICO */
(case when
    LAND_VAN_OORSPRONG = 'LT' OR LAND_VAN_OORSPRONG = 'PL' OR
LAND_VAN_OORSPRONG = 'RO'
    then (1 * t1.AANTAL_DIEREN)
    else 0
end) AS RABIES_RISICO
FROM WORK.TCS_CERTIFICATEN_FILTER t1;
QUIT;

GOPTIONS NOACCESSIBLE;

%LET _CLIENTTASKLABEL=;
%LET _CLIENTPROCESSFLOWNAME=;
%LET _CLIENTPROJECTPATH=;
%LET _CLIENTPROJECTPATHHOST=;
%LET _CLIENTPROJECTNAME=;

/* START OF NODE: Definieer Source en Target */
%LET _CLIENTTASKLABEL='Definieer Source en Target';
%LET _CLIENTPROCESSFLOWNAME='Data preparatie Miriam';
%LET _CLIENTPROJECTPATH='E:\Users\Ken0_Datascience\007 Hondenhandel\007.03
Fraude analyse\Datapreparatie_honden_MIRIAM.egp';
%LET _CLIENTPROJECTPATHHOST='w1052p0033.cicapp.nl';
%LET _CLIENTPROJECTNAME='Datapreparatie_honden_MIRIAM.egp';

GOPTIONS ACCESSIBLE;
%_eg_conditional_dropds(WORK.TRACES_SOURCE_TARGET);

PROC SQL;
    CREATE TABLE WORK.TRACES_SOURCE_TARGET AS
    SELECT t1.OOGST_NAAM AS Source,
           t1.OOGST_STRAAT AS Source_straat,
           t1.OOGST_POST_CODE AS Source_postcode,
           t1.OOGST_PLAATS AS Soucre_plaats,
           t1.LAND_VAN_OORSPRONG AS Source_land,
           t1.BESTEMMING_NAAM AS Target,
           t1.BESTEMMING_STRAAT AS Target_straat,
           t1.BESTEMMING_POST_CODE AS Target_postcode,
           t1.BESTEMMING_PLAATS AS Target_plaats,
           t1.LAND_VAN_BESTEMMING AS Target_land,
           t1.REFERENTIE_NUMMER,
           t1.VERTREK_DATUM_TIJD2,
           /* Maand */
           (MONTH(datepart(t1.VERTREK_DATUM_TIJD2))) AS Maand,
           t1.AANTAL_DIEREN,
           t1.RABIES_RISICO

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                                DataPrep_IDT_MIRIAM
FROM WORK.TRACES_RABIES t1
ORDER BY (catx(' ',t1.BESTEMMING_NAAM,t1.BESTEMMING_POST_CODE));
QUIT;

GOPTIONS NOACCESSIBLE;

%LET _CLIENTTASKLABEL=;
%LET _CLIENTPROCESSFLOWNAME=;
%LET _CLIENTPROJECTPATH=;
%LET _CLIENTPROJECTPATHHOST=;
%LET _CLIENTPROJECTNAME=;

/* START OF NODE: Bepaal source informatie */
%LET _CLIENTTASKLABEL='Bepaal source informatie';
%LET _CLIENTPROCESSFLOWNAME='Data preparatie Miriam';
%LET _CLIENTPROJECTPATH='E:\Users\Ken0_Datascience\007 Hondenhandel\007.03
Fraude analyse\Datapreparatie_honden_MIRIAM.egp';
%LET _CLIENTPROJECTPATHHOST='w1052p0033.cicapp.nl';
%LET _CLIENTPROJECTNAME='Datapreparatie_honden_MIRIAM.egp';

GOPTIONS ACCESSIBLE;
%_eg_conditional_dropds(WORK.TRACES_SOURCE);

PROC SQL;
CREATE TABLE WORK.TRACES_SOURCE AS
SELECT DISTINCT t1.Source LABEL='' AS SOURCE,
               t1.Target LABEL='' AS TARGET,
               /* TYPE */
               ('Herkomst') AS TYPE,
               /* AANTAL_DIEREN */
               (SUM(t1.AANTAL_DIEREN)) AS AANTAL_DIEREN,
               t1.Source_straat AS STRAAT,
               t1.Source_postcode AS POSTCODE,
               t1.Soucre_plaats AS PLAATS,
               t1.Source_land AS LAND,
               t1.Maand AS MAAND,
               /* RABIES_RISICO_LAND */
               (case when
                (SUM(t1.RABIES_RISICO)) > 0 then 1
                else 0
                end) AS RABIES_RISICO_LAND
FROM WORK.TRACES_SOURCE_TARGET t1
GROUP BY t1.Source,
         t1.Target,
         (CALCULATED TYPE),
         t1.Source_straat,
         t1.Source_postcode,
         t1.Soucre_plaats,
         t1.Source_land,
         t1.Maand;

```

DataPrep_IDT_MIRIAM

QUIT;

GOPTIONS NOACCESSIBLE;

%LET _CLIENTTASKLABEL=;

%LET _CLIENTPROCESSFLOWNAME=;

%LET _CLIENTPROJECTPATH=;

%LET _CLIENTPROJECTPATHHOST=;

%LET _CLIENTPROJECTNAME=;

/* START OF NODE: Bepaal target als source informatie */

%LET _CLIENTTASKLABEL='Bepaal target als source informatie';

%LET _CLIENTPROCESSFLOWNAME='Data preparatie Miriam';

%LET _CLIENTPROJECTPATH='E:\Users\KenO_Datascience\007 Hondenhandel\007.03
Fraude analyse\Datapreparatie_honden_MIRIAM.egp';

%LET _CLIENTPROJECTPATHHOST='w1052p0033.cicapp.nl';

%LET _CLIENTPROJECTNAME='Datapreparatie_honden_MIRIAM.egp';

GOPTIONS ACCESSIBLE;

%_eg_conditional_dropds(WORK.TRACES_TARGET);

PROC SQL;

CREATE TABLE WORK.TRACES_TARGET AS

SELECT DISTINCT t1.Target LABEL='' AS SOURCE,

/* TARGET */

('') AS TARGET,

/* TYPE */

('Bestemming') AS TYPE,

/* AANTAL_DIEREN */

(SUM(t1.AANTAL_DIEREN)) AS AANTAL_DIEREN,

t1.Target_straat AS STRAAT,

t1.Target_postcode AS POSTCODE,

t1.Target_plaats AS PLAATS,

t1.Target_land AS LAND,

t1.Maand AS MAAND,

/* RABIES_RISICO_LAND */

(case when

(SUM(t1.RABIES_RISICO)) > 0 then 1

else 0

end) AS RABIES_RISICO_LAND

FROM WORK.TRACES_SOURCE_TARGET t1

GROUP BY t1.Target,

(CALCULATED TARGET),

(CALCULATED TYPE),

t1.Target_straat,

t1.Target_postcode,

t1.Target_plaats,

t1.Target_land,

t1.Maand;

QUIT;

DataPrep_IDT_MIRIAM

```
GOPTIONS NOACCESSIBLE;
```

```
%LET _CLIENTTASKLABEL=;  
%LET _CLIENTPROCESSFLOWNAME=;  
%LET _CLIENTPROJECTPATH=;  
%LET _CLIENTPROJECTPATHHOST=;  
%LET _CLIENTPROJECTNAME=;
```

```
/* START OF NODE: Append Table */  
%LET _CLIENTTASKLABEL='Append Table';  
%LET _CLIENTPROCESSFLOWNAME='Data preparatie Miriam';  
%LET _CLIENTPROJECTPATH='E:\Users\_KenO_Datascience\007 Hondenhandel\007.03  
Fraude analyse\Datapreparatie_honden_MIRIAM.egp';  
%LET _CLIENTPROJECTPATHHOST='w1052p0033.cicapp.nl';  
%LET _CLIENTPROJECTNAME='Datapreparatie_honden_MIRIAM.egp';
```

```
GOPTIONS ACCESSIBLE;  
%_eg_conditional_dropds(WORK.TRACES_VA);  
PROC SQL;  
CREATE TABLE WORK.TRACES_VA AS  
SELECT * FROM WORK.TRACES_SOURCE  
OUTER UNION CORR  
SELECT * FROM WORK.TRACES_TARGET  
;  
Quit;
```

```
GOPTIONS NOACCESSIBLE;  
%LET _CLIENTTASKLABEL=;  
%LET _CLIENTPROCESSFLOWNAME=;  
%LET _CLIENTPROJECTPATH=;  
%LET _CLIENTPROJECTPATHHOST=;  
%LET _CLIENTPROJECTNAME=;
```

```
;*';*";*/;quit;run;  
ODS _ALL_ CLOSE;
```