/\* Insert custom code after server connection here \*/

options compress= yes;

ods output on;

LIBNAME ubpk3381 '/sasuser1/ubpk3381';

LIBNAME ujxg9620 '/sasuser1/ubpk9620';

LIBNAME datacon '/datacon/';

LIBNAME datatrnd '/datatrnd/';

LIBNAME datamodl '/datamodl/';

/\*LIBNAME userjpn '/sasuser1/userjpn';\*/

/\*LIBNAME upgk0233 '/sasuser1/upgk0233';\*/

/\*LIBNAME databrkr '/datalga/databrkr';\*/

ibname upgk0233 '/sasuser1/upgk0233';

/\*Run this program straight through after changing the "maxtermdate" date below and also CHANGE PersonalUser to your Oracle username\*/

**DATA** \_NULL\_;

/\*Following the Jan 12th comm\_uwdm update, for example, max termdate is 01nov2014

max atriskdate is 31oct2014 and mmaxsadate is 30nov2014 the lag is needed to ensure all terms are properly counted\*/

%LET maxmth = '01jun2020'd; /\*MONTH OF RUNNING\*/

maxtermdate = **'01may2020:00:00:00'dt**; /\*Prior Month\*/

glpmonth= put(datepart(maxtermdate),monname3.);

glpyear = put(datepart(maxtermdate),year2.);

maxatriskdate=intnx('dtday', maxtermdate, -**1**, 'same');

maxsadate=intnx('dtday',intnx('dtmonth', maxtermdate, **1**, 'same'),-**1**,'same');

enddate=put(datepart(intnx('dtday',intnx('dtmonth', maxtermdate, **3**, 'same'),-**1**,'same')),date9.);

FORMAT maxtermdate maxatriskdate maxsadate datetime20.;

CALL SYMPUT ('maxtermdate', maxtermdate);

CALL SYMPUT ('maxatriskdate', maxatriskdate);

CALL SYMPUT ('maxsadate', maxsadate);

CALL SYMPUT ('glpmonth', glpmonth);

CALL SYMPUT ('glpyear', glpyear);

CALL SYMPUT ('enddate', cat("'",enddate,"'"));

**RUN**; **quit**;

%LET groupdatalib = databrkr;

%LET migdatalib = databrkr;

%LET suffix = 1316;

OPTIONS compress=yes;

DM 'output' clear;

DM 'log' clear;

**PROC** **CATALOG** CATALOG=work.SASMAC1 kill force; **RUN**;

OPTIONS mprint;

%LET refUtilityMacros = /sascode/EGOActuarial/Prod/UtilityMacros;

%LET refStandardMacros = /sascode/EGOActuarial/Prod/StandardMacros;

%LET root = /sascode/EGOActuarial/Prod/TermDump/Macros; /\*Change this one pointer if files are copied to a different folder. \*/

OPTIONS INSERT=(sasautos=("&root","&refUtilityMacros","&refStandardMacros") fmtsearch= (upgk0233) ) mautosource mrecall;

%GLOBAL OracleUser OraclePass;

%LET OracleType = Standard;

%***getUserIDPassword***(System=Oracle,Type=&OracleType,ByRefUserID=OracleUser,ByRefPassword=OraclePass);

%PUT &OracleUser;

%PUT &OraclePass;

%***nominal\_to\_binary***(sm\_dataset=work.all\_&suffix.score, sm\_var=stateblnk, sm\_prefix=state\_);

**data** &groupdatalib.**.a**ll\_&suffix.score;

set work.all\_&suffix.score;

**run**;

**%MACRO** LAG\_CALC();

DATA databrkr.durseas\_mbr\_mth\_model;

SET work.durseas\_mbr\_mth\_model;

BY

src\_platform\_cd

src\_cust\_id

src\_div\_id

src\_cust\_ben\_id

lastrenwldt\_cln

mbr\_pers\_gen\_key

;

IF first.mbr\_pers\_gen\_key THEN mplanyrmonth = **1**;

ELSE mplanyrmonth+**1**;

%DO i=**0** %TO **11**;

mbr\_mth\_cmpl\_paid\_60trunc\_lag&i=lag&i(mbr\_mth\_cmpl\_paid\_60trunc);

mbr\_mth\_ag\_cmpl\_paid\_lag&i = lag&i(mbr\_mth\_cmpl\_paid);

%END;

%DO i=**0** %TO **11**;

IF (&i+**1**)>mplanyrmonth THEN mbr\_mth\_cmpl\_paid\_60trunc\_lag&i=**0**;

%END;

/\*if mbrplanyrmonth=1 then cumclaims=int\_tot\_pooled\_amt;\*/

/\*else \*/

mbr\_mth\_cum\_paid\_60trunc =sum(of mbr\_mth\_cmpl\_paid\_60trunc\_lag0--mbr\_mth\_cmpl\_paid\_60trunc\_lag11);

mbr\_mth\_ag\_cum\_paid = sum(of mbr\_mth\_ag\_cmpl\_paid\_lag0--mbr\_mth\_ag\_cmpl\_paid\_lag11);

IF mbr\_mth\_cum\_paid\_60trunc > **20000**

THEN DO;

mbr\_mth\_20to60\_cum\_paid = mbr\_mth\_cum\_paid\_60trunc-**20000**;

mbr\_mth\_le20\_cum\_paid = **20000**;

END;

ELSE DO;

mbr\_mth\_20to60\_cum\_paid = **0**;

mbr\_mth\_le20\_cum\_paid = mbr\_mth\_cum\_paid\_60trunc;

END;

mbr\_mth\_le20\_paid\_amt=mbr\_mth\_le20\_cum\_paid-lag1(mbr\_mth\_le20\_cum\_paid);

mbr\_mth\_20to60\_paid\_amt=mbr\_mth\_20to60\_cum\_paid-lag1(mbr\_mth\_20to60\_cum\_paid);

IF first.mbr\_pers\_gen\_key

THEN DO;

mbr\_mth\_le20\_paid\_amt=mbr\_mth\_le20\_cum\_paid;

mbr\_mth\_20to60\_paid\_amt=mbr\_mth\_20to60\_cum\_paid;

END;

RUN;

**%MEND**;

%***LAG\_CALC***()

DATA work.diagvert\_s1;

SET &rawclaims\_input(

KEEP=

mbr\_pers\_gen\_key

underwriting\_date

qtr\_from\_plnstart

cpt\_cd

diag\_:

);

FORMAT cpt diag rev $10. ndc\_id $15.;

cpt = cpt\_cd;

rev = revenue\_cd;

%DO i = **1** %TO **9**;

IF diag\_0&i.\_cd NE '' THEN DO;

diag = diag\_0&i.\_cd;

OUTPUT;

END;

%END;

%DO i = **10** %TO **24**;

IF diag\_&i.\_cd NE '' THEN DO;

diag = diag\_&i.\_cd;

OUTPUT;

END;

%END;

/\* IF diag in('','0') THEN DELETE;\*/

DROP diag\_:;

RUN;

%***Export\_To\_Sas\_Server***(export\_data = planyr\_info,

destination\_name = hrdl\_smart\_dx\_planyr,

destination\_dir = /datalga/databrkr,

file\_extension = csv,

delim = ','

)

%***getUserIDPassword***(System=Oracle,Type=&OracleType,ByRefUserID=OracleUser,ByRefPassword=OraclePass);

LIBNAME EDW ORACLE PATH='EDWPRO.WORLD'

SCHEMA="Sb\_sandbox\_actuary" USER="&OracleUser"

PASSWORD= "&OraclePass";

**DATA** work.stdclm\_mbr\_mthly\_sev\_scores;

IF \_n\_ = **1** THEN DO;

declare hash h(dataset:"databrkr.hrdl\_mbr\_ann\_model");

h.definekey('mbr\_pers\_gen\_key');

h.definedone();

END;

SET edw.dpt\_sevr\_dcm\_mbr;

IF h.find() = **0** THEN OUTPUT;

**RUN**; **quit**;

PROC SQL;

CREATE TABLE work.uniq\_pgks AS

SELECT DISTINCT &pgk\_field AS mbr\_pers\_gen\_key

FROM &idta

;

%IF &repull\_med\_and\_rx = **1** %THEN %DO;

DATA work.apply\_stdz\_claims\_s1;

SET medtaxcf.medclmfact(

KEEP=

medclm\_key /\*Represents a unique claim line on a claim.\*/

clm\_unique\_key /\*Represents a unique claim.\*/

mbr\_pers\_gen\_key

serv\_from\_date

pymt\_cat\_cd

clm\_adj\_process\_cd

hcpcs\_cpt4\_base\_cd1

revenue\_cd

serv\_unit\_cnt

reversal\_ind

fin\_prod\_cd

allow\_icob\_amt

CLM\_BENEFIT\_PAR\_CAT\_CD

process\_date

src\_line\_id

src\_line\_suffix

/\*start added by PK 8/21/2018\*/

allow\_icob\_visits\_cnt

allow\_icob\_admit\_cnt

allow\_icob\_days\_cnt

line\_cat\_cd

pot\_cd

ndc\_id

lclm\_rstmt\_fin\_cat\_cd

LCLM\_RSTMT\_GRP\_LINE\_CD

src\_platform\_cd

src\_prov\_specialty\_cd

/\*end added by PK 8/21/2018\*/

WHERE=(

serv\_from\_date BETWEEN &min\_all\_beg\_date AND &max\_all\_end\_date

AND process\_date <= &max\_all\_proc\_date

AND pymt\_cat\_cd = 'C'

AND clm\_adj\_process\_cd IN ('A','C','B')

%IF %QSCAN(&fin\_prod\_cd\_list.,**1**,%QUOTE(%STR())) NE %THEN %DO;

AND fin\_prod\_cd IN (%***qcomma***(&fin\_prod\_cd\_list))

%END;

));

IF \_N\_ = **1** THEN DO;

declare hash h(dataset:"work.uniq\_pgks");

h.definekey("mbr\_pers\_gen\_key");

h.definedone();

END;

IF h.find() = **0** THEN OUTPUT;

RUN;

**PROC** **SQL**;

CONNECT TO ORACLE AS sandbox (USER="&OracleUser" PASSWORD="&OraclePass" PATH='EDWPRO.WORLD');

EXECUTE (

GRANT SELECT ON sb\_sandbox\_actuary.pgk0233\_mbr\_ann\_model

TO

sb\_sandbox\_select,

act\_adhoc\_select,

pgk0233,

kai1194

) BY sandbox;

EXECUTE (

GRANT SELECT ON sb\_sandbox\_actuary.pgk0233\_medben\_snapshot

TO

sb\_sandbox\_select,

act\_adhoc\_select,

pgk0233,

kai1194

) BY sandbox;

