**SQL Code for MIS581**

Select P.PERPOSHRPID

,P.POSITIONTYPE

,P.POSITIONCLASS

,P.POSITIONCLASSDESC

,s.[PositionSOCCode]

,s.[PositionSOCCodeDesc]

,P.POSITIONEEOCATEGORY

,P.POSITIONEEOCATEGORYDESC

,P.POSITIONEEORANK

,P.POSITIONEEORANKDESC

,P.POSITIONANNUALIZEDAMT

,d.[PersonGender]

,d.[PersonIPEDSRaceOrEthnicDesc]

,p.PositionStartDate

From [hr].[C62\_EMPLOYEE\_CURRENT\_POSITIONS] P

join [dbo].[C62\_PERSON] d

on d.[PersonID] = p.perposhrpid

join[hr].[C62\_POSITIONS] s

on p.positionid = s.positionid

where p.[PositionEndDate] is null

and p.positiontype in('FT')

order by P.PERPOSHRPID

**SAS Code**

**\*IMPORT FILE**

/\* Generated Code (IMPORT) \*/

/\* Source File: SalStaffDemo.csv \*/

/\* Source Path: /folders/myfolders \*/

/\* Code generated on: 7/1/21, 6:45 PM \*/

%web\_drop\_table(WORK.IMPORT);

FILENAME REFFILE '/folders/myfolders/SalStaffDemo.csv';

PROC IMPORT DATAFILE=REFFILE

DBMS=CSV

OUT=WORK.IMPORT;

GETNAMES=YES;

RUN;

PROC CONTENTS DATA=WORK.IMPORT; RUN;

%web\_open\_table(WORK.IMPORT);

**\*Discriptives**

/\*

\*

\* Task code generated by SAS Studio 3.8

\*

\* Generated on '7/1/21, 6:50 PM'

\* Generated by 'sasdemo'

\* Generated on server 'LOCALHOST'

\* Generated on SAS platform 'Linux LIN X64 2.6.32-754.6.3.el6.x86\_64'

\* Generated on SAS version '9.04.01M6P11072018'

\* Generated on browser 'Mozilla/5.0 (Windows NT 10.0; WOW64; Trident/7.0; rv:11.0) like Gecko'

\* Generated on web client 'http://localhost:10080/SASStudio/38/main?locale=en\_US&zone=GMT-06%253A00&http%3A%2F%2Flocalhost%3A10080%2FSASStudio%2F38%2F='

\*

\*/

ods noproctitle;

ods graphics / imagemap=on;

ods noproctitle;

ods graphics / imagemap=on;

proc means data=WORK.IMPORT chartype mean std min max n vardef=df;

var POSITIONANNUALIZEDAMT;

class PersonGender;

run;

proc means data=WORK.IMPORT chartype mean std min max n vardef=df;

var POSITIONANNUALIZEDAMT;

class POSITIONCLASSDESC;

run;

ods noproctitle;

ods graphics / imagemap=on;

proc means data=WORK.IMPORT chartype mean std min max n vardef=df;

var POSITIONANNUALIZEDAMT;

class PersonGender;

run;

ods noproctitle;

ods graphics / imagemap=on;

proc means data=WORK.IMPORT chartype mean std min max n vardef=df;

var POSITIONANNUALIZEDAMT;

class PersonIPEDSRaceOrEthnicDesc;

run;

\*ANOVA GENDER

/\*

\*

\* Task code generated by SAS Studio 3.8

\*

\* Generated on '7/1/21, 7:04 PM'

\* Generated by 'sasdemo'

\* Generated on server 'LOCALHOST'

\* Generated on SAS platform 'Linux LIN X64 2.6.32-754.6.3.el6.x86\_64'

\* Generated on SAS version '9.04.01M6P11072018'

\* Generated on browser 'Mozilla/5.0 (Windows NT 10.0; WOW64; Trident/7.0; rv:11.0) like Gecko'

\* Generated on web client 'http://localhost:10080/SASStudio/38/main?locale=en\_US&zone=GMT-06%253A00&http%3A%2F%2Flocalhost%3A10080%2FSASStudio%2F38%2F='

\*

\*/

ods noproctitle;

ods graphics / imagemap=on;

proc glm data=WORK.IMPORT plots(only maxpoints=10000)=(intplot);

class PersonGender POSITIONCLASSDESC;

model POSITIONANNUALIZEDAMT=PersonGender POSITIONCLASSDESC

PersonGender\*POSITIONCLASSDESC / ss1 ss3;

lsmeans PersonGender POSITIONCLASSDESC / adjust=tukey pdiff=all alpha=0.05 cl

plots=(meanplot(cl) diffplot);

quit;

ods noproctitle;

ods graphics / imagemap=on;

proc glm data=WORK.IMPORT plots(only maxpoints=10000)=(intplot);

class PersonIPEDSRaceOrEthnicDesc POSITIONCLASSDESC;

model POSITIONANNUALIZEDAMT=POSITIONCLASSDESC PersonIPEDSRaceOrEthnicDesc

POSITIONCLASSDESC\*PersonIPEDSRaceOrEthnicDesc / ss1 ss3;

lsmeans POSITIONCLASSDESC PersonIPEDSRaceOrEthnicDesc / adjust=tukey pdiff=all

alpha=0.05 cl plots=(meanplot(cl) diffplot);

quit;