

proc import datafile='/folders/myshortcuts/SAS/Airlines Project/scheduleJanuary1.csv' dbms=csv out=sch replace;

proc sort data=sch;

by descending nas\_delay;

data sample;

set sch (obs=1253);

proc freq data=sample;

tables nas\_delay;

ods graphics / reset width=6.4in height=4.8in imagemap;

proc sgplot data=WORK.SAMPLE;

title height=14pt "NAS\_delay by weekdays";

vbar DAY\_OF\_WEEK / group=NAS\_DELAY groupdisplay=stack;

run;

ods graphics / reset;

title;

ods graphics / reset width=6.4in height=4.8in imagemap;

proc sgplot data=WORK.SAMPLE;

title height=14pt "NAS\_delay by origin and destination states";

heatmap x=ORIGIN\_STATE\_NM y=DEST\_STATE\_NM / name='HeatMap'

colormodel=(CX2608ab CX00DF00 CXFFFF00 CXdf0000);

gradlegend 'HeatMap';

xaxis grid label="Origin State";

yaxis grid label="Destnation State";

run;

ods graphics / reset;

title;





proc import datafile='/folders/myshortcuts/SAS/Airlines Project/loadf.csv' dbms=csv out=load replace;

ods graphics / reset width=6.4in height=4.8in imagemap;

proc sort data=WORK.LOAD out=\_SeriesPlotTaskData;

by month;

run;

proc sgplot data=\_SeriesPlotTaskData;

title height=14pt "Load Factor(2013-2015)";

series x=month y=domestic / group=year;

xaxis grid label="Quarter" type=log logbase=2;

yaxis grid;

run;

ods graphics / reset;

title;

proc datasets library=WORK noprint;

delete \_SeriesPlotTaskData;

run;



rpm plot

proc import datafile='/folders/myshortcuts/SAS/Airlines Project/rpm.csv' dbms=csv out=rpm replace;

data rpm\_up;

set rpm;

dom=input(domestic,comma10.);

proc print data=rpm\_up;

ods graphics / reset width=6.4in height=4.8in imagemap;

proc sort data=WORK.RPM\_UP out=\_SeriesPlotTaskData;

by month;

run;

proc sgplot data=\_SeriesPlotTaskData;

series x=month y=dom / group=year;

xaxis grid;

yaxis grid;

run;

ods graphics / reset;

proc datasets library=WORK noprint;

delete \_SeriesPlotTaskData;

run;



proc import datafile='/folders/myshortcuts/SAS/Airlines Project/baggage.csv' dbms=csv out=rating replace;

ods graphics / reset width=6.4in height=4.8in imagemap;

proc sgplot data=WORK.RATING;

title height=14pt "Customer Rating";

scatter x=Star y=Frequency / datalabel=Frequency datalabelattrs=(size=7);

xaxis grid;

yaxis grid;

run;

ods graphics / reset;

title;