```
/*Humidity vs weather*/

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

proc sgplot data=WORK.IMPORT;
    title height=14pt "Humidity and Weather ";
    hbar Weather / response='Rel Hum_%'n stat=mean;
    xaxis grid;
run;

ods graphics / reset;


/*Dew Point Temp_C vs weather */

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

proc sgplot data=WORK.IMPORT;

    title height=14pt "Weather and temperature";
    hbar Weather / response='Dew Point Temp_C'n stat=mean;
    xaxis grid;
run;

ods graphics / reset;


/*Temp_C VS WEATHER*/

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

proc sgplot data=WORK.IMPORT;
    title height=14pt "Temperature and weather";
    hbar Weather / response=Temp_C stat=mean;
    xaxis grid;
run;

ods graphics / reset;



/*Temp_C  V Dew Point Temp_C*/

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

proc sgplot data=WORK.IMPORT;
    title height=14pt "Temp_C  V Dew Point Temp_C";
    scatter x='Dew Point Temp_C'n y=Temp_C /;
    xaxis grid;
    yaxis grid;
run;

ods graphics / reset;

/*Humidity vs months*/

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

proc sgplot data=WORK.IMPORT;
    vbar Month / response='Rel Hum_%'n stat=mean;
    yaxis grid;
run;

ods graphics / reset;
```

```
/*Wind vs speed*/


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

proc sgplot data=WORK.IMPORT;

    bubble x='Wind Speed_km/h'n y=Weather size=Temp_C/ bradiusmin=7 bradiusmax=14;
    xaxis grid;
    yaxis grid;
run;

ods graphics / reset;


/*Months vs temp*/

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

proc sgplot data=WORK.IMPORT;
    vbar Month / response=Temp_C stat=mean;
    yaxis grid;
run;

ods graphics / reset;


/*Months VS weather*/

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

proc sort data=WORK.IMPORT out=_LineChartTaskData;
    by Weather;
run;

proc sgplot data=_LineChartTaskData;
    by Weather;
    title height=14pt "Weather Monthly Dist";
    vline Month /;
    yaxis grid;
run;

ods graphics / reset;
title;


/*Weather Distribution*/


proc template;
    define statgraph SASStudio.Pie;
        begingraph;
        entrytitle "Weather Distribution" / textattrs=(size=14);
        layout region;
        piechart category=Weather /;
        endlayout;
        endgraph;
    end;
run;
```

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

proc sgrender template=SASStudio.Pie data=WORK.IMPORT;
run;

ods graphics / reset;


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

proc sgplot data=WORK.IMPORT;
    title height=14pt "Wind Speed Of The Weather";
    hbar Weather / response='Wind Speed_km/h'n fillattrs=(color=CXe6cad0
        transparency=0.25) stat=mean;
    xaxis grid;
run;

ods graphics / reset;
title;




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

proc sgplot data=WORK.IMPORT;
    title height=14pt "Real Humidity Over Months";
    vline Month / response='Rel Hum_%'n lineattrs=(color=CX990038) stat=mean;
    yaxis grid;
run;

ods graphics / reset;
title;
```