

SAS Code:

```
proc contents data=newlab; run;
```

```
data newlab_2;  
set lab;  
if arr_delay_new > 0 & dest = 'BDL';  
run;
```

```
proc contents data=newlab_2; run;
```

```
proc sgplot data=newlab_2;  
scatter y=arr_delay_new x=Carrier_delay; run;
```

```
proc sgplot data=newlab_2;  
scatter y=arr_delay_new x=weather_delay; run;
```

```
proc sgplot data=newlab_2;  
scatter y=arr_delay_new x=nas_delay; run;
```

```
proc sgplot data=newlab_2;  
scatter y=arr_delay_new x=security_delay; run;
```

```
proc sgplot data=newlab_2;  
scatter y=arr_delay_new x=late_aircraft_delay; run;
```

```
proc corr data=newlab_2;  
var arr_delay_new carrier_delay weather_delay nas_delay security_delay late_aircraft_delay;  
run;
```

```
proc means data=newlab_2;  
var arr_delay_new carrier_delay weather_delay nas_delay security_delay  
late_aircraft_delay;  
run;
```

```
proc reg data=newlab_2;  
model arr_delay_new = carrier_delay weather_delay late_aircraft_delay;  
run;
```