Topic 5 data and data display

Pie chart

```
proc gchart data=dataline;
title "some_title"
format sales dollar8.;
pie var / sumvar = var2;
run;
```

note

- pie var: specifies what values to show
- sumvar: specifies a numeric variable for sum or mean calculations

Bar graph

```
proc gchart data=some_data;
vbar var / type = percent;
title "some title";
run;
```

Histogram

```
proc univariate data=somedata noprint;
histogram some_var / endpoints = 3.425 to 3.6 by .025;
run;
```

Boxplots

```
proc univariate data = some_data plot;
var var_name
run;
```