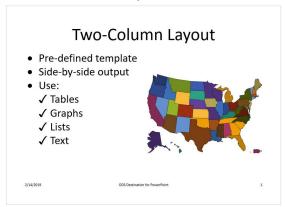# SAS®9 ODS Destination for PowerPoint Tip Sheet
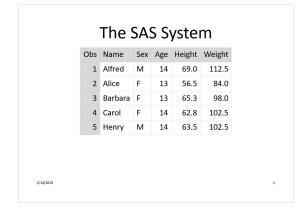
LAYOUT= Example


```
title1 "Two-Column Layout";
footnote "ODS Destination for PowerPoint";

ods powerpoint file="Template.pptx"
    nogtitle nofootnote layout=twocontent;

proc odslist;
  item 'Pre-defined template';
  item 'Side-by-side output';
  item;
    p 'Use:';
    list / style=[bullet=check];
      item 'Tables';
      item 'Graphs';
      item 'Lists';
      item 'Text';
    end;
run;

goptions hsize=4.5in vsize=4.5in;
proc gmap map=maps.us data=maps.us all;
  id state;
  choro statecode/statistic=frequency
      discrete nolegend;
run;  quit;

ods _all_ close;
```
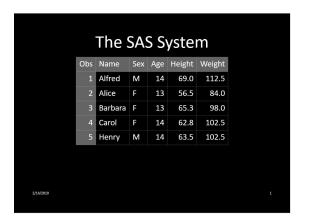
STYLE= Example

This code snippet creates the output file output.pptx with a simple table of five observations.

```
ods powerpoint file="output.pptx";
proc print data=sashelp.class(obs=5);
run;
ods powerpoint close;
```


This code snippet creates the output file style.pptx with a simple table of five observations using the style template Powerpointdark.

```
ods powerpoint file="output.pptx";
    style=Powerpointdark;
proc print data=sashelp.class(obs=5);
run;
ods powerpoint close;
```


The Powerpointlight style is the default style for ODS POWERPOINT.   Use only the Powerpointlight or Powerpointdark styles, or a style that inherits from one of these two styles, with ODS POWERPOINT.

For complete information, refer to the Base SAS® documentation at
support.sas.com/base

SAS®9

The ODS Destination for PowerPoint Tip Sheet

This tip sheet places frequently used information in one place, on one sheet of paper, so you don't have to search through the online documentation.   It also gives you something to take home, type in, and try.

This tip sheet presents the most common statements and attributes used in creating output with the ODS POWERPOINT statement.   This statement opens, manages, or closes the ODS POWERPOINT destination, producing output that is ready for Microsoft PowerPoint 2010 or later.

SAS®9 ODS Destination for PowerPoint Tip Sheet

Action Syntax

```
ods powerpoint <(<ID=>identifier)> <action>
```

If you use the ODS POWERPOINT statement without an action or options, then it opens the ODS POWERPOINT destination and creates Microsoft PowerPoint output in a file called saspres.pptx

Actions

close

Closes the ODS POWERPOINT destination and the file that is associated with it. You cannot view the file until you close the destination.

exclude *exclusions(s)* **| all | none**

Excludes output objects from the destination.

select *selection(s)* **| all | none**

Selects output objects for the destination.

show

Writes the current selection or exclusion list for the destination to the SAS® log.

Basic Usage

```
ods powerpoint <option(s)>;
... procedure name ...
ods word close;
```

Common Options

file="*filename***"**

Specifies the name of the PowerPoint file.

gfootnote/nogfootnote

Determines if graphics handle footnotes in images.

gtitle/nogtitle

Determines if graphics handle titles in images.

image_dpi=*nnn*

Specifies the DPI (dots per inch) of images generated for graphical output.

options(<*suboption(s)***>)**

Specifies a behavior that is specific to the ODS POWERPOINT destination.

startpage=yes | no | now

Controls when a new slide is inserted.

style=*style-definition*

Specifies the style definition to use.

Metadata Options

author="*author-text***"**

Inserts the text string that you specify as author into the metadata of the file.

category="*category-text***"**

Inserts the text string that you specify as category into the metadata of the file.

comments="*comments-text***"**

Inserts the text string that you specify as comments into the metadata of the file.

keywords="*keywords-text***"**

Inserts the text string that you specify as keywords into the metadata of the file.

status="*status-text***"**

Inserts the text string that you specify as status into the metadata of the file.

title="*title-text***"**

Inserts the text string that you specify as title into the metadata of the file.

OPTIONS Suboptions

backgroundcolor="*color***"**

Specifies the color of the background of the slides.

backgroundimage="*file-specification***" | "LINEAR-GRADIENT" | "RADIAL-GRADIENT" | "NONE"**

Specifies an image or a gradient to use as the background for the slides.

backgroundrepeat="NO_REPEAT" | "REPEAT" | "REPEAT_X" | "REPEAT_Y"

Specifies whether the image used for the slide background is repeated horizontally, vertically, both, or not repeated.