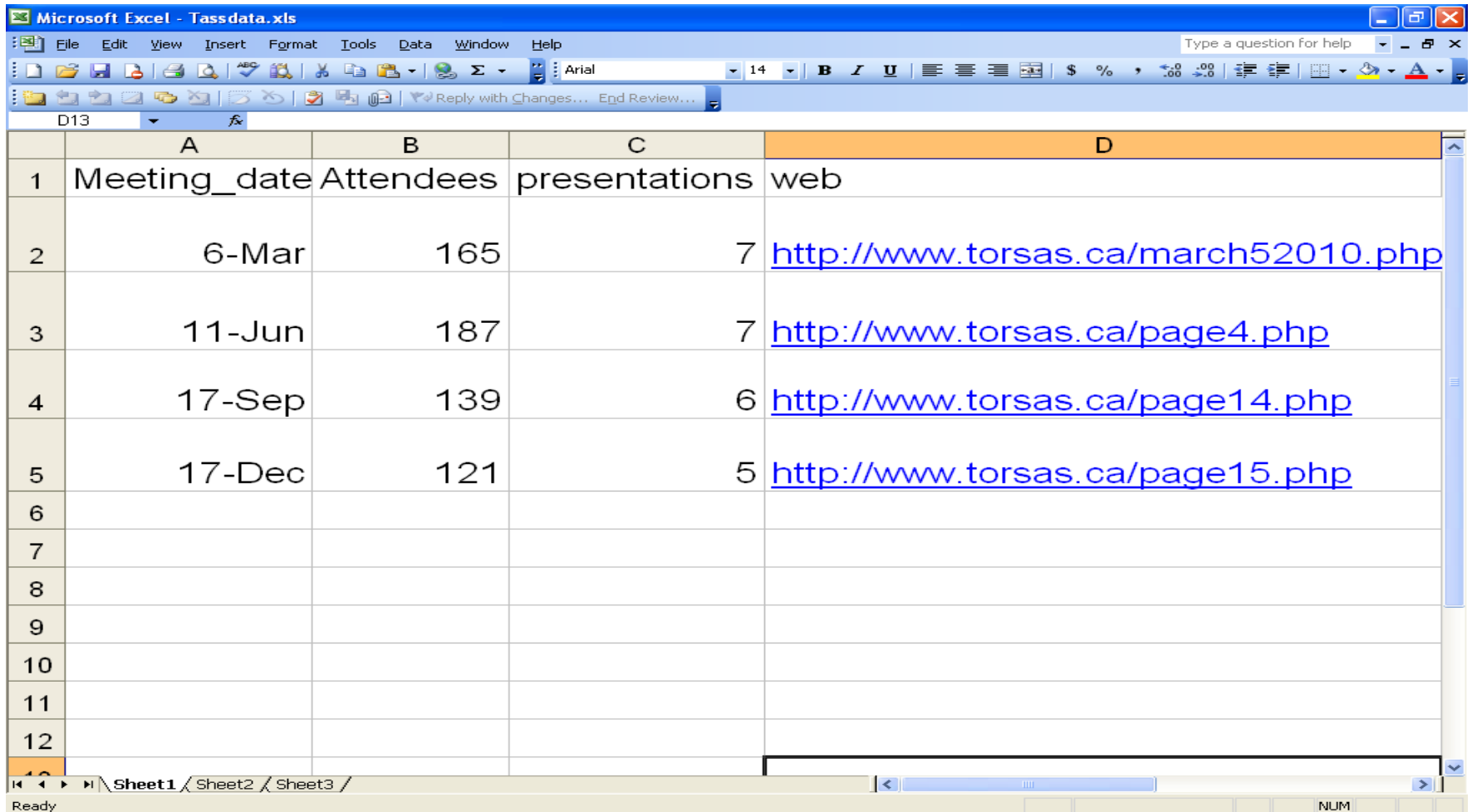


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Creating Graphics with Hyperlinks by PROC GBARLINE

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Original Data



The screenshot shows a Microsoft Excel spreadsheet titled "Tassdata.xls". The spreadsheet has four columns: A (Meeting_date), B (Attendees), C (presentations), and D (web). The data is as follows:

	A	B	C	D
1	Meeting_date	Attendees	presentations	web
2	6-Mar	165	7	http://www.torsas.ca/march52010.php
3	11-Jun	187	7	http://www.torsas.ca/page4.php
4	17-Sep	139	6	http://www.torsas.ca/page14.php
5	17-Dec	121	5	http://www.torsas.ca/page15.php
6				
7				
8				
9				
10				
11				
12				

Data Importing

```
/* Import data from excel */  
proc import  
file="&path\Tassdata.xls" out=Tass  
dbms=excel replace;  
run;
```

Add Hyperlink

```
/* Add href= before the internet address */  
data Tass (drop=web) ;  
length wlink $200;  
set tass;  
wlink='href=' || strip(web) ;  
run;
```

Set Output Destination

```
/* Output destination */  
ods html path("&path" (url=none)  
  body="TASS2010.html"  
  (Title="TASS-Meetings")  
  style=minimal;
```

Set Graphics Options

```
/* Graphic options */  
goption reset=all device=gif gunit=pct  
        ftitle='Courier' ftext='arial'  
        htext=2 cback=white HORIGIN=0;
```

(Cont'ed)

- List of Graphic devices:

```
proc gdevice catalog=sashelp.devices nofs;  
list;  
run;  
quit;
```

---When created with devices ActiveX & Actximg Graphics are not displayed if ActiveX is disabled in browser settings.

Set Axis Options

```
/* axes */
axis1 order =(100 to 200 by 5)
      label=(j=1 h=2.5 c=CX610B0B
            font='arial/bold' "# Of Attendees")
      minor=(n=4);
axis2 order=(0 to 10 by 1)
      label=(j=1 h=2.5 font='arial/bold' c=blue
            "# Of Presentations")
      minor=none;
axis3 label=(j=c h=2.5 font='arial/bold' "TASS Date");

/* Line plot graphic parameters */
symbol1 v=dot h=3 c=blue w=3;

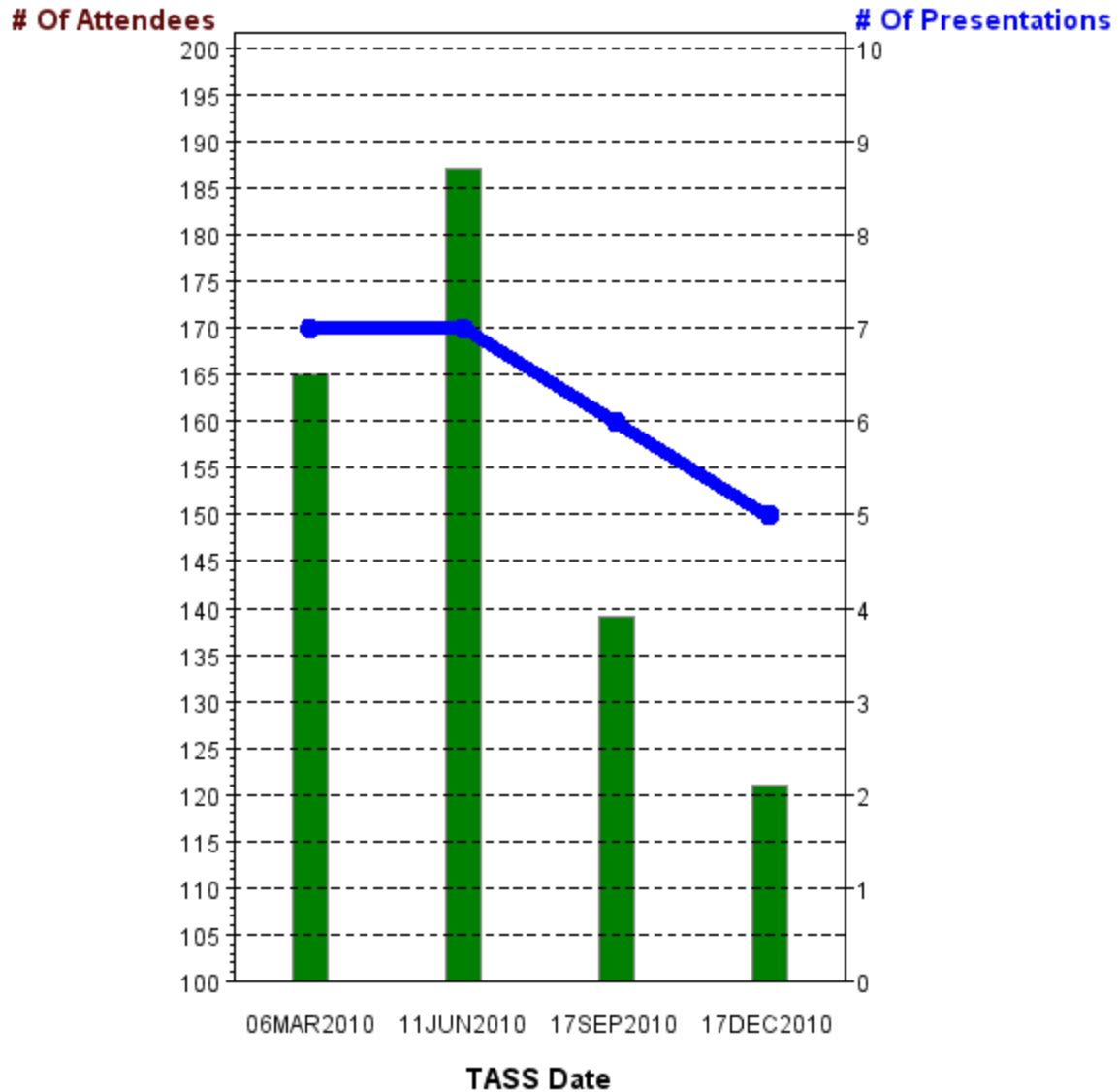
/* Bar graphic parameters */
pattern1 c=green v=solid;
```

Create chart

```
/* Draw the chart */
proc gbarline data=tass;
bar Meeting_date / sumvar=Attendees
                   discrete width=3 space=10
                   axis=axis1 maxis=axis3 name="gtass"
                   coutline=gray
                   html=wlink ←=====
                   autoref lautoref=2;
plot                / sumvar=presentations axis=axis2;
run;
quit;

ods html close;
```

TASS Stats -Year 2010



- Revi