

TeamAssign_Officer

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Initial Settings

```
#read the template
temp <- read_pptx("Template.pptx")

#get the layout
layout_summary(temp)

##              layout      master
## 1      Title Slide with Image Office Theme
## 2              Title and Content Office Theme
## 3              Two Content Office Theme
## 4              Comparison Office Theme
## 5      Picture with Caption Office Theme
## 6      Content with Caption Office Theme
## 7              Title Only Office Theme
## 8              Blank Office Theme
## 9      Title, Content, and Large Photo Office Theme
## 10 Title, Content, and Three Photos Office Theme
## 11              Half Image Horizontal Office Theme
## 12              Title & Content 02 Office Theme
## 13      Half Image Vertical Purple Office Theme
## 14              Thank You Office Theme
## 15              Title Slide Office Theme
## 16              Section Header Office Theme

master <- "Office Theme"
```

Title Slide

```
layout_properties(temp, layout = "Title Slide", master = master)

##      master_name      name      type id      ph_label      offx
## 49 Office Theme Title Slide      body 17      Rectangle 16 0.0000000
## 74 Office Theme Title Slide      body 15              Oval 14 9.4285706
## 75 Office Theme Title Slide      body 16              Oval 15 9.0803565
## 95 Office Theme Title Slide      body 8              Group 7 0.3974366
## 100 Office Theme Title Slide      body 7 Straight Connector 6 5.2797605
## 143 Office Theme Title Slide ctrTitle 2              Title 1 5.1250000
## 144 Office Theme Title Slide subTitle 3              Subtitle 2 5.1250000
## 145 Office Theme Title Slide      dt 4      Date Placeholder 3 0.9166667
##      offy      cx      cy
## 49 0.000000 4.838542 7.4999989
## 74 4.821428 3.607143 3.6071435
## 75 4.576017 1.386905 1.3869051
## 95 1.996528 12.538460 4.7586811
## 100 4.464285 1.627976 0.0000000
```

```
## 143 2.982143 7.910714 0.9099705
## 144 3.903521 7.910714 0.3993056
## 145 6.951389 3.000000 0.3993056

##adjust font size of title
fs1 <- fp_text(font.size = 34)

temp %<>%
  add_slide(layout = "Title Slide", master = master) %>%
  ph_empty(type='ctrTitle') %>%
  #ph_with_text(type = "ctrTitle", str = "Advantages of a Bear Market")%>%
  ph_add_fpar(fpar(ftext("Advantages of a Bear Market", prop=fs1)), type = 'ctrTitle') %>%
  ph_with_text(type = "subTitle", index = 1, str= "Xiang XU, TangJing, Ningze ZU,Jianhao Yan")
```

Word Content

```
layout_properties(temp, layout = "Two Content", master = master)
```

##	master_name	name	type	id	ph_label
## 3	Office Theme	Two Content	body	18	Straight Connector 17
## 5	Office Theme	Two Content	body	12	Straight Connector 11
## 9	Office Theme	Two Content	body	16	Content Placeholder 3
## 19	Office Theme	Two Content	body	17	Content Placeholder 2
## 20	Office Theme	Two Content	body	25	Oval 24
## 21	Office Theme	Two Content	body	26	Oval 25
## 43	Office Theme	Two Content	body	22	Straight Connector 21
## 44	Office Theme	Two Content	body	19	Group 18
## 107	Office Theme	Two Content	sldNum	10	Slide Number Placeholder 5
## 123	Office Theme	Two Content	title	2	Title 1

##	offx	offy	cx	cy
## 3	1.97369313	1.5885444	0.596822	0.00000000
## 5	-0.02630687	1.5885444	1.878643	0.00000000
## 9	6.94158027	1.9965278	5.994316	4.75868110
## 19	0.39743657	1.9965278	5.994316	4.75868110
## 20	5.03954396	5.1604145	3.607143	3.60714348
## 21	4.69132983	4.9150033	1.386905	1.38690507
## 43	2.68421041	1.5629035	10.649123	0.01682305
## 44	0.39743657	1.9965278	12.538460	4.75868110
## 107	9.93589676	7.0682491	3.000000	0.27273075
## 123	0.39743657	0.2692323	12.538460	1.13461505

```
temp%<>%
  add_slide(layout= "Two Content", master = master) %>%
  ph_with_text(type= "title", str= "Investing in Stocks")%>%
  ph_with_ul(type = "body", index = 4, str =c("1. Represents ownership in a firm ",
"2. Earn a return in two ways",
"Price of the stock rises over time",
"Dividends are paid to the stockholder",
"3. Stockholders have claim on all assets" ) ,
level_list = c(1,1,2,2,1))%>%
  ph_with_ul(type = "body", index= 3,
    str_list = c("4. Right to vote for directors and on certain issues","5. Two types","Comm
    level_list=c(1,1,2,3,3,2,3,3))
```

Image caption1

```
layout_properties(temp, layout = "Half Image Vertical Purple", master = master)
```

```
##      master_name      name      type id
## 50 Office Theme Half Image Vertical Purple body 4
## 55 Office Theme Half Image Vertical Purple body 7
## 57 Office Theme Half Image Vertical Purple body 13
## 76 Office Theme Half Image Vertical Purple body 3
## 91 Office Theme Half Image Vertical Purple body 5
## 92 Office Theme Half Image Vertical Purple body 17
## 102 Office Theme Half Image Vertical Purple sldNum 6
## 126 Office Theme Half Image Vertical Purple title 2
## 139 Office Theme Half Image Vertical Purple pic 14
##      ph_label      offx      offy      cx      cy
## 50      Rectangle 3 0.0000000 0.000000 5.814182 7.4999989
## 55      Straight Connector 6 0.4975842 1.772147 1.627976 0.0000000
## 57      Group 12 0.3974366 1.996528 12.538460 4.7586811
## 76      Text Placeholder 2 0.4032273 2.791569 4.481385 2.1793734
## 91      Rectangle 4 0.9097222 1.884615 5.804075 4.0961538
## 92      Content Placeholder 16 0.3974366 7.067709 2.473958 0.2725689
## 102 Slide Number Placeholder 5 9.9358968 7.068249 3.000000 0.2727308
## 126      Title 1 0.4206594 1.189750 4.887028 1.5794783
## 139      Picture Placeholder 13 5.8141820 0.000000 7.519150 7.5000000
temp %<>% add_slide(layout = "Half Image Vertical Purple", master = master)%>%
  ph_with_img(type = "pic", src = "../image/Picture1.jpg",
    height = 7.5, width = 7.5 ) %>%
  ph_with_text(type = "title", str = "Investing in Stocks" )%>%
  ph_with_text(type = "body", index=4, str=c("Sample Corporate Stock Certificate
Figure 11.1 Wien Consolidated Airlines Stock") )#%>%
  #ph_with_text(type= "sldNum", str= 3)
```

Image Caption2

```
layout_properties(temp, layout = "Half Image Horizontal", master = master)
```

```
##      master_name      name      type id
## 28 Office Theme Half Image Horizontal body 3
## 72 Office Theme Half Image Horizontal body 17
## 73 Office Theme Half Image Horizontal body 18
## 85 Office Theme Half Image Horizontal body 7
## 106 Office Theme Half Image Horizontal sldNum 6
## 120 Office Theme Half Image Horizontal title 2
## 136 Office Theme Half Image Horizontal pic 14
##      ph_label      offx      offy      cx      cy
## 28      Text Placeholder 2 0.9097222 5.292750 11.500000 1.4275798
## 72      Content Placeholder 16 0.3974366 7.067709 2.473958 0.2725689
## 73      Group 17 0.3974366 1.996528 12.538460 4.7586811
## 85      Straight Connector 6 5.8526794 4.099068 1.627976 0.0000000
## 106 Slide Number Placeholder 5 9.9358968 7.068249 3.000000 0.2727308
## 120      Title 1 0.9097222 4.149894 11.500000 0.9002975
## 136      Picture Placeholder 13 0.0000000 0.000000 13.333333 4.0606059
```

```
temp %<>% add_slide(layout = "Half Image Horizontal", master = master)%>%
  ph_with_img(type = "pic", src = "./image/Picture2.jpg",
    height = 4.06, width = 13.3 ) %>%
  ph_with_text(type = "title" , str= "What is a Bear Market?" )%>%
  ph_with_text(type = "body", index =1, str="A decline of 15-20% of the broad market coupled with pessimism")
  #ph_with_text(type= "sldNum", str= 3)
```

Image 3

```
#layout_summary(temp)
layout_properties(temp, layout = "Half Image Vertical Purple", master = master)
```

```
##      master_name      name      type id
## 50 Office Theme Half Image Vertical Purple body 4
## 55 Office Theme Half Image Vertical Purple body 7
## 57 Office Theme Half Image Vertical Purple body 13
## 76 Office Theme Half Image Vertical Purple body 3
## 91 Office Theme Half Image Vertical Purple body 5
## 92 Office Theme Half Image Vertical Purple body 17
## 102 Office Theme Half Image Vertical Purple sldNum 6
## 126 Office Theme Half Image Vertical Purple title 2
## 139 Office Theme Half Image Vertical Purple pic 14
##      ph_label      offx      offy      cx      cy
## 50      Rectangle 3 0.0000000 0.000000 5.814182 7.4999989
## 55      Straight Connector 6 0.4975842 1.772147 1.627976 0.0000000
## 57      Group 12 0.3974366 1.996528 12.538460 4.7586811
## 76      Text Placeholder 2 0.4032273 2.791569 4.481385 2.1793734
## 91      Rectangle 4 0.9097222 1.884615 5.804075 4.0961538
## 92      Content Placeholder 16 0.3974366 7.067709 2.473958 0.2725689
## 102 Slide Number Placeholder 5 9.9358968 7.068249 3.000000 0.2727308
## 126      Title 1 0.4206594 1.189750 4.887028 1.5794783
## 139      Picture Placeholder 13 5.8141820 0.000000 7.519150 7.5000000
```

```
temp %<>% add_slide(layout = "Half Image Vertical Purple", master = master)%>%
  ph_with_img(type = "pic", src = "./image/Picture3.png",
    height = 7.5, width = 7.5 ) %>%
  ph_with_text(type = "title" , str= "Stock Market Indexes: the Dow Jones Industrial Average" )
```

ggplot caption

```
data <- read_excel(path = "./DJI85.xlsx")
#str(data)
#tail(data)
p <- data %>%
  dplyr::mutate(`Volume(1,000,000)` = Volume / (1e+6)) %>%
  ggplot(aes(x= Date, y= `Volume(1,000,000)`)) +geom_line(col = "blue") +
  ylab("Volume(1,000,000)") +ggtitle("DJ INDU AVERAGE (DOW JONES & CO) \n as of 2018-11-01")
#layout_summary(temp)
layout_properties(temp, layout = "Content with Caption", master = master)
```

```
##      master_name      name      type id      ph_label
## 32 Office Theme Content with Caption body 27      Group 26
## 34 Office Theme Content with Caption body 31      Content Placeholder 2
```

```
## 46 Office Theme Content with Caption body 30 Text Placeholder 3
## 69 Office Theme Content with Caption body 6 Group 5
## 70 Office Theme Content with Caption body 25 Oval 24
## 71 Office Theme Content with Caption body 26 Oval 25
## 112 Office Theme Content with Caption sldNum 10 Slide Number Placeholder 5
## 118 Office Theme Content with Caption title 2 Title 1
##      offx      offy      cx      cy
## 32  0.3974366 1.9965278 12.538460 4.7586811
## 34  4.2520604 0.2692334 8.166343 6.1404899
## 46  0.3974366 2.2500000 3.506410 4.1684033
## 69  0.3974366 1.9965278 12.538460 4.7586811
## 70 11.2110597 0.6071282 3.607143 3.6071435
## 71 10.8628456 0.3617170 1.386905 1.3869051
## 112 9.9358968 7.0682491 3.000000 0.2727308
## 118 0.3974366 0.2692323 3.506410 1.1346150
```

```
temp %<>%
  add_slide(layout = "Content with Caption", master = master)%>%
  ph_with_gg(type = "body", index= 1, value = p) %>%
  ph_with_text(type="title", str = "Dow Jones ")
```

Word Content

```
layout_properties(temp, layout = "Title Only", master = master)
```

```
##      master_name      name      type id      ph_label
## 12 Office Theme Title Only body 22      Straight Connector 21
## 17 Office Theme Title Only body 19      Group 18
## 37 Office Theme Title Only body 12      Straight Connector 11
## 38 Office Theme Title Only body 18      Straight Connector 17
## 41 Office Theme Title Only body 13      Oval 12
## 42 Office Theme Title Only body 14      Oval 13
## 108 Office Theme Title Only sldNum 10 Slide Number Placeholder 5
## 119 Office Theme Title Only title 2      Title 1
##      offx      offy      cx      cy
## 12  2.68421041 1.5629035 10.649123 0.01682305
## 17  0.39743657 1.9965278 12.538460 4.75868110
## 37 -0.02630687 1.5885444 1.878643 0.00000000
## 38  1.97369313 1.5885444 0.596822 0.00000000
## 41  5.03954396 5.1604145 3.607143 3.60714348
## 42  4.69132983 4.9150033 1.386905 1.38690507
## 108 9.93589676 7.0682491 3.000000 0.27273075
## 119 0.39743657 0.2692323 12.538460 1.13461505
```

```
temp %<>%
  add_slide(layout = "Title Only", master = master)%>%
  ph_with_text(type= "title", str = "The last Bear market")%>%
  ph_with_ul(type = "body", index =2,
    str_list=c( "Sept. 30, 2002 Dow 7,528", "Jan. 5, 2004 Dow 10,568", "Oct. 8, 2007
    level_list = c(1,1,1))
```

Word Content

```
layout_properties(temp, layout = "Title Only", master = master)
```

```
##      master_name      name      type id      ph_label
## 12 Office Theme Title Only body 22      Straight Connector 21
## 17 Office Theme Title Only body 19      Group 18
## 37 Office Theme Title Only body 12      Straight Connector 11
## 38 Office Theme Title Only body 18      Straight Connector 17
## 41 Office Theme Title Only body 13      Oval 12
## 42 Office Theme Title Only body 14      Oval 13
## 108 Office Theme Title Only sldNum 10 Slide Number Placeholder 5
## 119 Office Theme Title Only title 2      Title 1
##      offx      offy      cx      cy
## 12 2.68421041 1.5629035 10.649123 0.01682305
## 17 0.39743657 1.9965278 12.538460 4.75868110
## 37 -0.02630687 1.5885444 1.878643 0.00000000
## 38 1.97369313 1.5885444 0.596822 0.00000000
## 41 5.03954396 5.1604145 3.607143 3.60714348
## 42 4.69132983 4.9150033 1.386905 1.38690507
## 108 9.93589676 7.0682491 3.000000 0.27273075
## 119 0.39743657 0.2692323 12.538460 1.13461505
```

```
temp %<>%
```

```
  add_slide(layout = "Title Only", master = master)%>%
  ph_with_text(type= "title", str = "What do I do in a Bear Market")%>%
  ph_with_ul(type = "body", index =2,
             str_list= c("Decide whether this is a market correction or the start of something more", "R
             level_list = c(1,1,1,1))
```

output the slides

```
print(temp, target = "FinishedTemp.pptx")
```

```
## [1] "E:/MSSP/MA615/GithubFiles/MA615_TeamAssign/Officer/FinishedTemp.pptx"
```