

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") %>%
  ph_with_text(type = "dt", str= format(Sys.Date()))
```

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_text(type = "body", index = 4, str = "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" ) %>%
  ph_with_text(type = "body", index= 3, str = "4. Right to vote for directors and on certain issues
5. Two types
- Common stock
  Right to vote
  Receive dividends
```

```

- Preferred stock
  Receive a fixed dividend
  Do not usually vote")%>%
ph_with_text(type = "sldNum", str = "Slide 01")

```

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 = "Slide 02")

```

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 = "Slide 03")
```

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" )%>%
  ph_with_text(type = "sldNum", str = "Slide 04")
```

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 ")%>%
  ph_with_text(type = "sldNum", str = "Slide 05")
```

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_text(type = "body", index =2, str= "Sept. 30, 2002 Dow 7528
Jan. 5, 2004 Dow 10,568
Oct. 8, 2007 Dow 14093")%>%
ph_with_text(type = "sldNum", str = "Slide 06")

```

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_text(type = "body", index =2, str= "Decide whether this is a market correction or the start of
Review the stocks you own
Review stocks you wanted to own but were too expensive at time of research
Check your portfolio for balance or the type of stocks you own")%>%
  ph_with_text(type = "sldNum", str = "Slide 07")

```

output the slides

```

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

```

```

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

```