TeamAssign_Officer

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Initial Settings

```r
#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
```

```r
master <- "Office Theme"
```

Title Slide

```r
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, Jing TANG, 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

```r
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
```

```r
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

```r
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 pessi
  #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

```r
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
```

```r
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

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

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