Untitled

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R Markdown

This is an R Markdown document. Markdown is a simple formatting syntax for authoring HTML, PDF, and MS Word documents. For more details on using R Markdown see http://rmarkdown.rstudio.com.

When you click the **Knit** button a document will be generated that includes both content as well as the output of any embedded R code chunks within the document. You can embed an R code chunk like this:

```
## [1] "These are the Departments in 2017"
```

```
[1] "Overall"
                                                       "BATH/ACCESSORIES"
##
       "BOOKS"
                                "CHRISTMAS"
                                                       "COUNTER CARD"
##
    [4]
##
   [7] "DISPLAY"
                                "GENERAL MERCHANDISE"
                                                      "GIFT CARD"
## [10]
       "HOLIDAY"
                               "JEWELRY"
                                                       "MISCELLANEOUS"
## [13] "MISCELLANEOUS PAPER" "ORNAMENTS"
                                                       "PAPER GOODS"
## [16] "POSTAGE"
                                "POSTCARDS"
                                                       "SHELLS"
## [19] "TOYS"
```

[1] "These are the Categories in 2017"

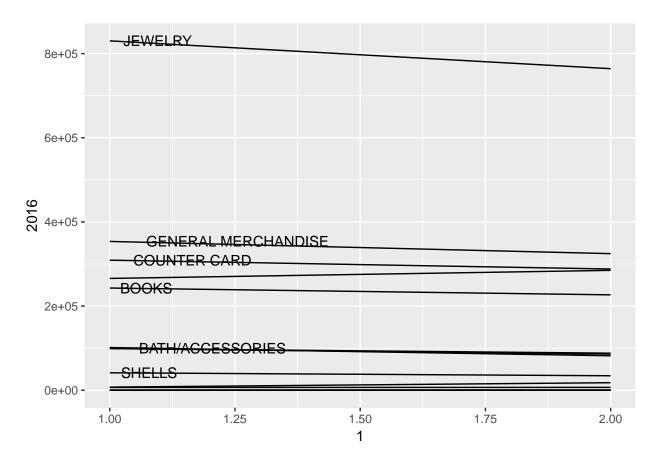
```
[1] ""
##
                                       "BATH"
##
     [3] "ACTIVITY & STICKER BOOKS"
                                       "ADDRESS BOOKS"
##
     [5] "BABY BOOK"
                                       "BOARD BOOK"
##
     [7] "CAPE MAY BOOK"
                                       "CHRISTMAS BOOK"
##
     [9] "COLORING BOOK"
                                       "DIARY/JOURNAL TOY ROOM"
    [11] "EASTER BOOK"
                                       "FALL BOOK"
##
    [13] "FRONT ROOM BOOK"
                                       "GIFT BOOKS"
##
##
    [15] "GUEST BOOKS"
                                       "HALLOWEEN BOOK"
##
    [17] "JOURNALS"
                                       "PAPERBACK- TOY BOOK"
    [19] "THANKSGIVING BOOK"
                                       "TOY BOOK HARDBACK"
##
                                       "ADMIN"
##
    [21] "ORNAMENTS"
##
    [23] "ADMIN ASSIST"
                                       "AGE BDAY"
    [25] "ANNIVERSARY"
                                       "BABY CONGRATS"
    [27] "BABY SHOWER"
##
                                       "BAR/BAT MITZVAH"
##
    [29] "BELATED BDAY"
                                       "BIRTHDAY"
##
   [31] "BLANK"
                                       "BON VOYAGE"
    [33] "CHRISTENING"
                                       "CHRISTMAS CC"
##
    [35] "CONFIRM/COMM"
##
                                       "CONGRATULATIONS"
##
    [37] "EASTER CARD"
                                       "ENCLOSURE CARD"
##
    [39] "ENCOURAGEMENT/SUPPORT"
                                       "ENGAGEMENT"
##
   [41] "EVERYDAY"
                                       "FATHERS DAY"
##
    [43] "FRIENDSHIP"
                                       "GET WELL"
##
   [45] "GOOD LUCK"
                                       "GRADUATION"
   [47] "HALLOWEEN CC"
                                       "HANUKKAH"
   [49] "MOTHERS DAY"
##
                                       "NEW HOME"
   [51] "NEW YEAR'S"
                                       "PASSOVER"
```

```
## [53] "RELATIVE BDAY"
                                      "RETIREMENT"
##
  [55] "ROMANCE"
                                      "ROSH HASHANA"
## [57] "ST PATS CARD"
                                    "SYMPATHY"
## [59] "THANK YOU"
                                      "THANKSGIVING CC"
                                    "VALENTINE CARD"
## [61] "THINKING OF YOU"
## [63] "VETERANS DAY"
                                     "WEDDING"
## [65] "WEDDING SHOWER"
                                     "WELCOME HOME"
                              ART G.
"CAPE M.
"CHRISTM.
"DISPLAY"
"FRAMES/P
"HOUSEV"
"MAGF"
"PT
## [67] "ADULT/FAMILY GAMES"
                                    "ART GLASS"
## [69] "CANDLES"
                                      "CAPE MAY FRONT"
## [71] "CD/DVD"
                                      "CHRISTMAS FRONT"
## [73] "CRAFTS"
## [75] "EASTER FRONT"
                                      "FRAMES/BOXES"
## [77] "GADGETS"
                                      "HOUSEWARES"
## [79] "KEYCHAINS"
## [81] "NIGHT LIGHTS"
                                      "PERS ACCES/ BAGS/ POUCHES"
## [83] "PUZZLE ADULT"
                                      "WALL ART"
## [85] "CHRISTMAS"
                                      "EASTER"
## [87] "FALL"
                                     "HALLOWEEN"
## [89] "THANKSGIVING"
                                      "ANKLET"
                                      "CHAIN"
## [91] "BRACELET"
## [93] "CHARM"
                                      "CUFFLINKS"
## [95] "EARRINGS"
                                     "HOLIDAY JEWELRY"
## [97] "MIDDLE ROOM"
                                      "NECKLACE"
## [99] "PENDANT"
                                      "PIN"
                                      "FRONT ROOM"
## [101] "RING"
                                   "BOOKMARKS"
## [103] "ADVENT CALENDAR"
                                      "BOX CARDS"
## [105] "BOWS"
## [107] "BOXED CMAS"
                                      "CALENDARS/PLANNERS"
## [109] "CHRISTMAS PAPER/BAGS"
                                      "ENCLOSURE PKG"
## [111] "GIFT BAG"
                                      "GIFT TAGS"
## [113] "INVITE PKG"
                                      "NAPKINS"
                                   "PARTY SUPI
"RIBBON"
"SOCIAL BOO"
"STICKERS"
"VALENTINES
## [115] "PADS"
                                      "PARTY SUPPLIES"
## [117] "PLACECARDS"
## [119] "ROLL WRAP"
                                     "SOCIAL BOOKS"
## [121] "STAT/NOTES"
## [123] "TISSUE"
                                     "VALENTINES"
## [125] "8 AND UP"
                                    "ACCESSORIES"
                                  "BABY"
"CHRISTMAS TOY"
"CREATIVE LEARNING"
## [127] "ART SUPPLIES"
## [129] "BUILDING"
## [131] "CRAFTS & KITS"
## [133] "FINGER PUPPET"
                                     "GAMES"
## [135] "IMAGINATIVE PLAY"
                                      "OUTDOOR FUN"
## [137] "PLUSH"
                                      "PUPPET"
## [139] "PUZZLE"
                                      "STICKERS/TATTOOS"
## [141] "UNDER $10"
                                     "VALENTINES DAY"
## [143] "WATER TOY/ BATH"
## [1] "Depts ranked by Sales 2017"
##
               Department
                             Price
## 1
                  JEWELRY 764222.80
## 2 GENERAL MERCHANDISE 324601.86
             COUNTER CARD 288077.69
```

TOYS 284882.61

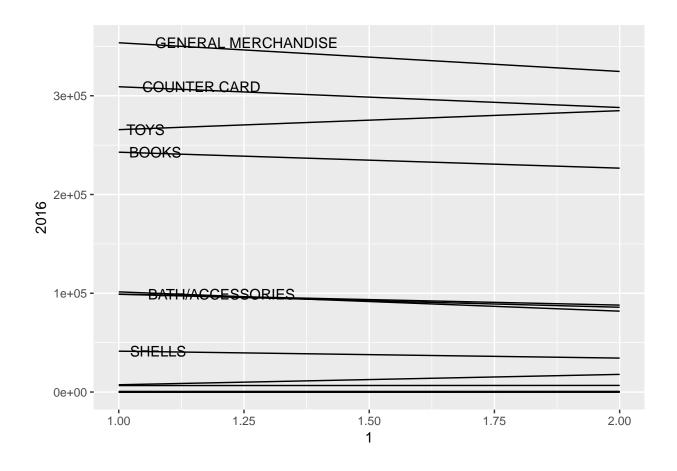
4

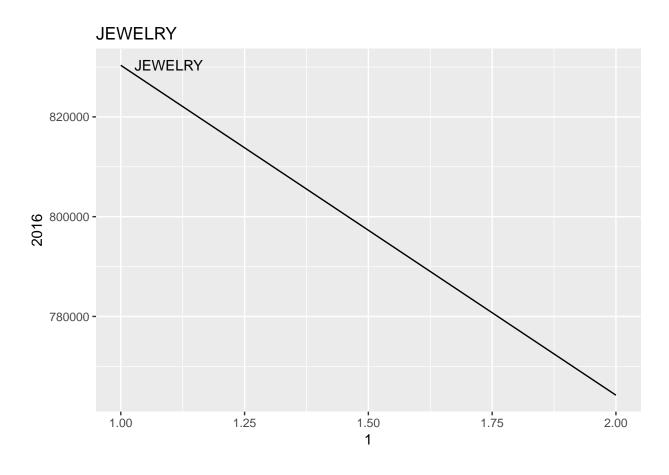
```
## 5
                     BOOKS 226678.45
## 6
         BATH/ACCESSORIES
                            88024.20
## 7
              PAPER GOODS
                            85857.05
## 8
                ORNAMENTS
                            81880.18
                    SHELLS
                            34363.61
## 9
                  HOLIDAY
## 10
                            17869.38
## 11
                POSTCARDS
                             6696.00
                CHRISTMAS
                              627.23
## 12
## 13 MISCELLANEOUS PAPER
                              293.51
## 14
                              176.95
## 15
                  POSTAGE
                              131.03
## 16
                  DISPLAY
                                0.00
## 17
                GIFT CARD
                                0.00
            MISCELLANEOUS
## 18
                                0.00
```

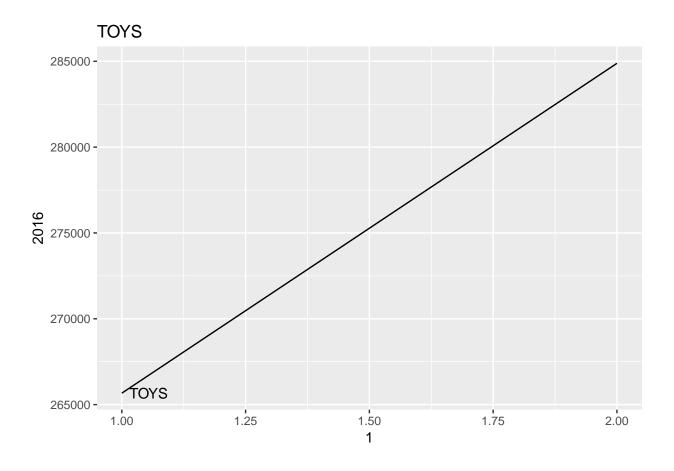


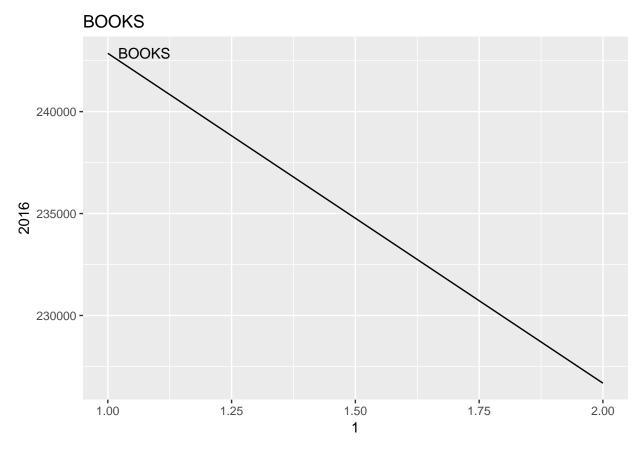
Including Plots

You can also embed plots, for example:









Note that the $\mbox{echo} = \mbox{FALSE}$ parameter was added to the code chunk to prevent printing of the R code that generated the plot.