EDA

2025-07-12

iPhones from eBay

```
library(ggplot2)
library(tidyverse)
```

```
## — Attaching core tidyverse packages —
                                                              —— tidyverse 2.0.0 —
## ✔ dplyr
              1.1.4 ✓ readr
                                      2.1.5
## / forcats 1.0.0

✓ stringr

                                      1.5.1

✓ tibble

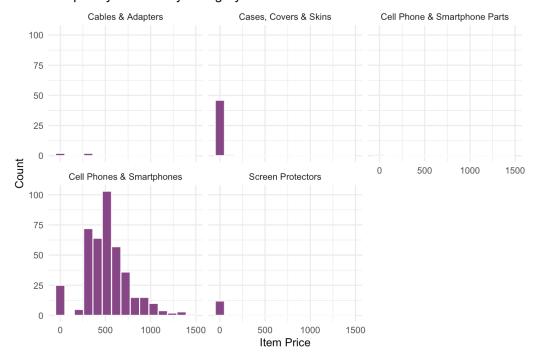
## / lubridate 1.9.4
                                      3.2.1
## ✔ purrr
              1.0.2
                      √ tidyr
                                      1.3.1
## — Conflicts —
                                                       —— tidyverse_conflicts() —
## * dplyr::filter() masks stats::filter()
## * dplyr::lag() masks stats::lag()
## i Use the conflicted package (<a href="http://conflicted.r-lib.org/">http://conflicted.r-lib.org/</a>) to force all conflicts to become errors
```

```
iphones = read.csv("data/iphone_cleaned.csv")
#head(iphones)
#str(iphones)
summary(iphones)
```

```
##
      itemId
                      title
                                     condition
                                                      conditionId
##
  Length:476
                   Length:476
                                    Length: 476
                                                     Min. :1000
  Class :character Class :character Class :character
                                                     1st Qu.:1500
  Mode :character Mode :character Mode :character
                                                     Median:2020
##
                                                     Mean :2049
##
                                                     3rd Qu.:3000
##
                                                     Max. :7000
##
##
   price.value
                   price.currency
                                   seller.username
## Min. : 4.49
                  Lenath: 476
                                   Lenath: 476
## 1st Ou.: 319.00 Class :character Class :character
## Median: 473.50 Mode :character Mode :character
## Mean : 454.21
## 3rd Qu.: 609.99
## Max. :1449.99
##
## seller.feedbackPercentage seller.feedbackScore itemLocation.country
## Min. : 0.00
                  Min. : 0 Length:476
                         1st Qu.: 4342
## 1st Qu.: 97.88
                                            Class :character
                          Median : 22977
## Median : 98.30
                                            Mode :character
                         Mean : 66320
## Mean : 94.82
   3rd Qu.: 98.80
                          3rd Qu.: 115563
##
   Max. :100.00
                          Max. :1044914
##
## marketingPrice.originalPrice.value marketingPrice.discountPercentage
## Min. : 7.88
                                 Min. : 0.00
## 1st Qu.: 361.11
                                  1st Qu.: 5.00
## Median : 799.00
                                  Median :10.00
## Mean : 691.54
                                 Mean :21.66
## 3rd Qu.: 999.00
                                  3rd Qu.:43.75
## Max. :1758.00
                                 Max. :67.00
## NA's :331
                                 NA's :294
## shipping_cost
                  days_listed
                                 category_id
                                                 category_name
## Min. : 0.0000 Min. : 0.0 Min. : 9355 Length:476
## 1st Qu.: 0.0000 1st Qu.: 60.0 1st Qu.: 9355 Class:character
## Median: 0.0000 Median: 182.5 Median: 9355 Mode:character
## Mean : 0.2786
                  Mean : 285.7 Mean : 12710
## 3rd Qu.: 0.0000
                  3rd Qu.: 407.0 3rd Qu.: 9355
## Max. :37.4000 Max. :2015.0 Max. :123422
## NA's :17
## seller_item_count model_number
## Min. : 1.00
                  Min. :14.00
## 1st Qu.: 2.00
                  1st Qu.:14.00
## Median : 6.00
                  Median :15.00
## Mean :16.71
                  Mean :15.08
## 3rd Qu.:24.00
                   3rd Qu.:16.00
## Max. :58.00
                   Max. :16.00
##
```

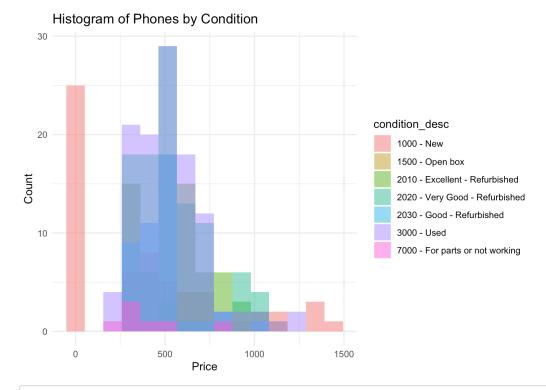
```
ggplot(iphones) +
  geom_histogram(aes(price.value), color="white", fill="orchid4", bins=15) +
  facet_wrap(~category_name) +
  theme_minimal() +
  labs(x = "Item Price", title = "Frequency of Items by Category - Search Term: IPhone 16", y = "Count")
```

Frequency of Items by Category - Search Term: IPhone 16



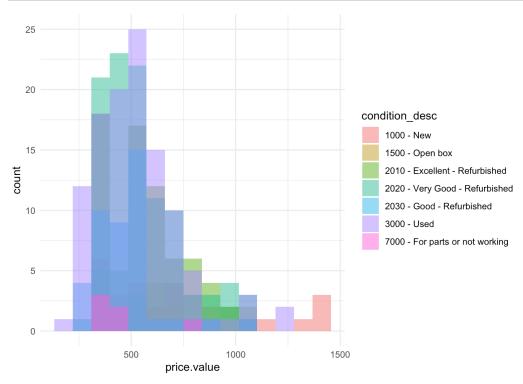
ggsave("images/histograms.png", bg="white")

Saving 7×5 in image

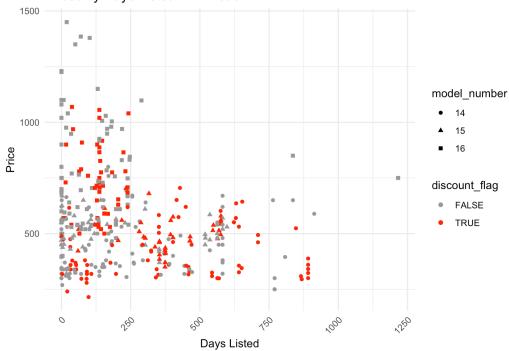


ggsave("images/hist_cond.png", bg="white")

Saving 7 \times 5 in image



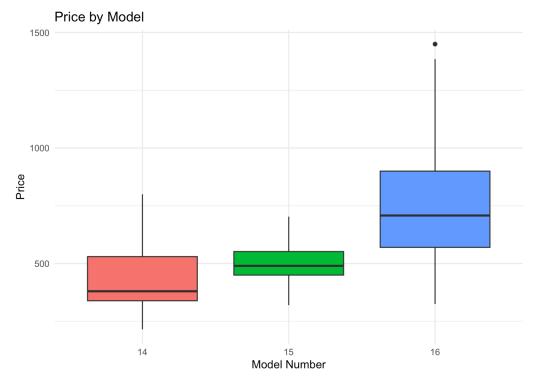
Prices by Days Listed with Model



ggsave("images/items_by_days.png", bg="white")

Saving 7 x 5 in image

```
ggplot(iphones_only) +
  geom_boxplot(mapping = aes(x = model_number, y = price.value, fill = model_number)) +
  theme_minimal() +
  labs(x = "Model Number", y = "Price", title = "Price by Model") +
  theme(legend.position="none")
```



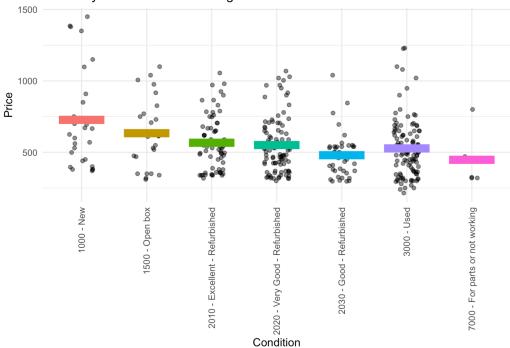
```
lmod = lm(price.value ~ condition + model_number, data = iphones_only)
#summary(lmod)

avg_prices <- iphones_only %>%
    group_by(condition_desc) %>%
    summarize(mean_price = mean(price.value, na.rm = TRUE))

ggplot(iphones_only, aes(x = condition_desc, y = price.value, color = condition_desc)) +
    geom_jitter(width = 0.2, alpha = 0.5, color = "black") + # individual points
    stat_summary(fun = mean, geom = "crossbar", width = 0.7, size = 1.5) + # bold average line
    theme_minimal() +
    theme(axis.text.x = element_text(angle = 90, vjust = 0.5, hjust=1)) +
    labs(x = "Condition", y = "Price", title = "Prices by Condition with Average Price") +
    theme(legend.position="none")
```

```
## Warning: Using `size` aesthetic for lines was deprecated in ggplot2 3.4.0.
## i Please use `linewidth` instead.
## This warning is displayed once every 8 hours.
## Call `lifecycle::last_lifecycle_warnings()` to see where this warning was
## generated.
```

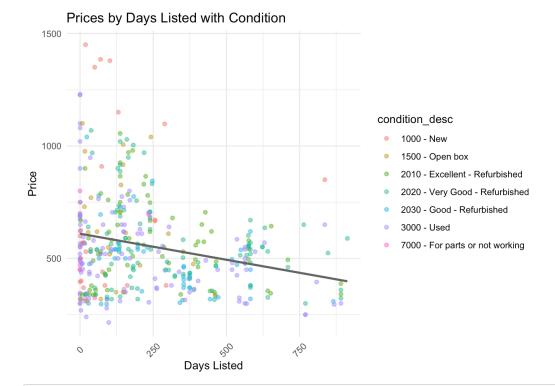
Prices by Condition with Average Price



ggsave("images/price_by_cond.png", bg="white")

Saving 7×5 in image

$geom_smooth()$ using formula = $y \sim x$



```
ggsave("images/prices_bydays.png", bg="white")
```

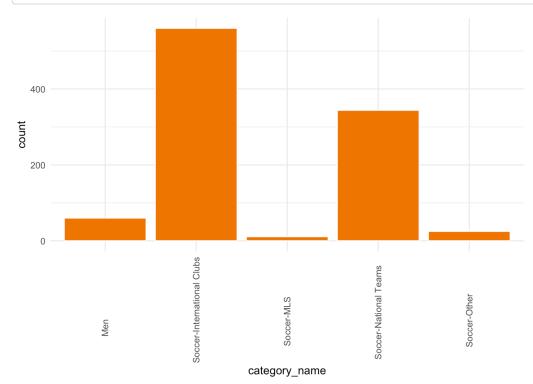
```
## Saving 7 x 5 in image
## `geom_smooth()` using formula = 'y ~ x'
```

Soccer Jerseys from eBay

```
jerseys = read.csv("data/soccer_jerseys.csv")
jerseys$condition_desc = paste(jerseys$conditionId, "-", jerseys$condition)
jerseys$condition = as.factor(jerseys$condition)
jerseys$itemLocation.country = as.factor(jerseys$itemLocation.country)
jerseys$category_id = as.factor(jerseys$category_id)
jerseys$club = as.factor(jerseys$club)
jerseys$country = as.factor(jerseys$country)
str(jerseys)
```

```
## 'data.frame':
                  1000 obs. of 21 variables:
                                    : chr "v1|317069403907|615526711901" "v1|177245638563|476899094411" "v1|
## $ itemId
317059278518|615510384436" "v1|388511742986|655644751940" ...
                                    : chr "Liverpool Home Jersey 25/26 ( Player Version)" "Tigres UANL Away
Jersey 2023/24 Size S-XL" "Real Madrid Baseball Style Jersey Limited Edition" "Neymar Jr Santos 2012 Jersey - Ret
ro Jersey - Mens Sizes" ...
## $ conditionId
                                    ## $ condition
                                    : Factor w/ 6 levels "New", "New with tags", ...: 1 1 1 1 1 1 1 1 1 1 ...
                                    : num 45 18 52 65 35 ...
## $ price.value
                                    : chr "USD" "USD" "USD" "USD" ...
## $ price.currency
                                    : chr "iri4147" "soccerelf" "iri4147" "shipezusa" ...
## $ seller.username
## $ seller.feedbackPercentage
                                    : num 97.7 100 97.7 97.1 100 95.6 95.8 100 97.7 100 ...
## $ seller.feedbackScore
                                    : int 47 10 47 84 10 166 1092 10 47 10 ...
                                    : Factor w/ 33 levels "AE", "AR", "BD", ...: 33 33 33 33 33 33 33 33 33
## $ itemLocation.country
## $ marketingPrice.discountPercentage : int NA ...
## $ shipping_cost
                                   : num 0000000000...
## $ days_listed
                                    : int 3 7 6 122 7 103 1 7 4 7 ...
                                    : Factor w/ 5 levels "2885","2887",...: 2 2 2 2 2 2 2 2 2 2 ...
## $ category_id
                                    : chr "Soccer-International Clubs" "Soccer-International Clubs" "Soccer-
## $ category_name
International Clubs" "Soccer-International Clubs" ...
                                    : int 25 8 25 11 8 8 15 8 25 8 ...
## $ seller_item_count
                                    : Factor w/ 13 levels "", "Arsenal", "Barcelona",..: 9 1 13 1 1 3 3 1 3 1
## $ club
. . .
## $ country
                                    : Factor w/ 11 levels "", "Argentina",..: 1 1 1 1 1 1 1 1 1 1 ...
## $ year
                                    : int 2026 2024 NA 2012 2026 2011 NA 2025 2026 2025 ...
                                    : chr "1000 - New" "1000 - New" "1000 - New" "1000 - New" ...
## $ condition_desc
```

```
ggplot(jerseys) +
  geom_bar(aes(category_name), fill = "darkorange2", color = "white") +
  theme_minimal() +
  theme(axis.text.x = element_text(angle = 90, vjust = 0.5, hjust = 0.3))
```



```
jerseys$top_club = jerseys$club != ""
jerseys$top_country = jerseys$country != ""
jerseys$from_usa = jerseys$itemLocation.country == "US"
club_jerseys = jerseys %>%
                filter(category_id == 2887)
country_jerseys = jerseys %>%
                    filter(category_id == 2891)
library(patchwork)
all_prices = c(club_jerseys$price.value, country_jerseys$price.value)
y_min = min(all_prices, na.rm = TRUE)
y_max = max(all_prices, na.rm = TRUE)
p1 = ggplot(club_jerseys) +
  geom_boxplot(aes(x = top_club, y = price.value, color = top_club)) +
  theme_minimal() +
  labs(title = "Price for Top Clubs (Club Jerseys Only)", x = "Top Clubs", y = "Price") +
  theme(legend.position = "none") +
  ylim(y_min, y_max)
p2 = ggplot(country_jerseys) +
  geom_boxplot(aes(x = top_country, y = price.value, color = top_country)) +
  theme_minimal() +
  labs(title = "Price for Top Countries (National Team Jerseys Only)", x = "Top Countries", y = "Price") +
  theme(legend.position = "none") +
 ylim(y_min, y_max)
combined_plot = p1 + p2
ggsave("images/top_clubs.png", combined_plot, bg="white", width = 14, height = 6, dpi = 300)
lmod_soccer = lm(price.value ~ condition + seller.feedbackPercentage + seller.feedbackScore + itemLocation.countr
y +
                   category_id + shipping_cost + days_listed + top_club + country + year, data = jerseys)
#summary(lmod_soccer)
cat("AIC:", AIC(lmod_soccer), "\n")
## AIC: 5989.908
png("images/qqplot.png")
QQ = plot(lmod_soccer, 2)
## Warning: not plotting observations with leverage one:
    46, 219, 380, 500, 516, 545, 555, 559, 599
dev.off()
## quartz_off_screen
##
jerseys$log_price = log(jerseys$price.value) #add log-price column
jerseys_clean = na.omit(jerseys)
                                    #omit NA
lm_log = lm(log_price ~ condition + seller.feedbackPercentage +
             itemLocation.country + category_id + shipping_cost + top_club, data = jerseys_clean)
#summary(lm_log)
AIC(lm log)
## [1] 49.64011
```

```
png("images/qqplot_log_price.png")
resids = resid(lm_log)
qqnorm(resids, main = "Q-Q Plot using Log Price")
qqline(resids, col = "darkblue", lwd = 1, lty = "dashed")
dev.off()
```

```
## quartz_off_screen
## 2
```

library(car)

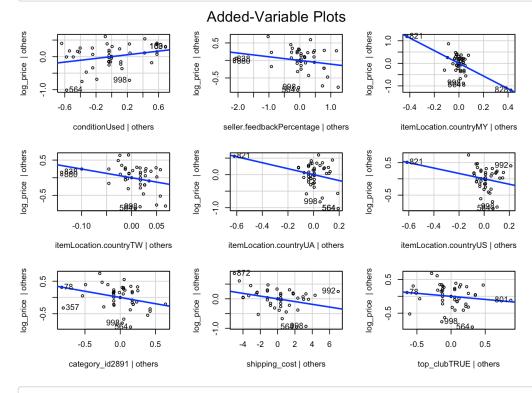
```
## Loading required package: carData
```

```
##
## Attaching package: 'car'
```

```
## The following object is masked from 'package:dplyr':
##
## recode
```

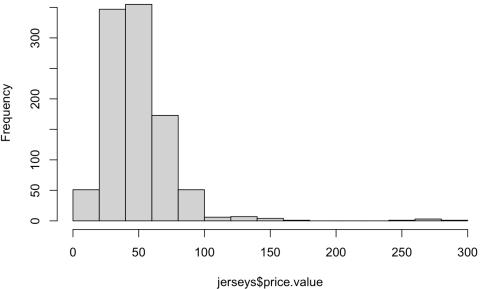
```
## The following object is masked from 'package:purrr':
##
## some
```

avPlots(lm_log)



hist(jerseys\$price.value)

Histogram of jerseys\$price.value



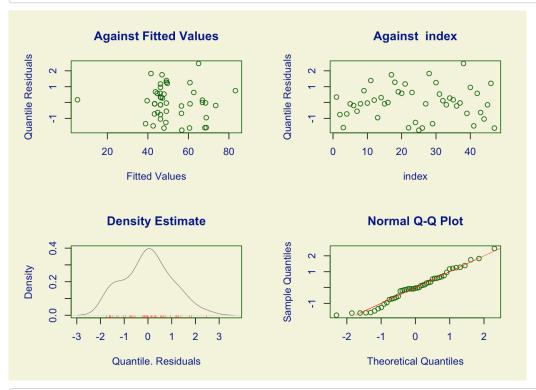
Type gamlssNews() to see new features/changes/bug fixes.

```
#install.packages("gamlss")
library(gamlss)
                    #for other distributions
## Loading required package: splines
## Loading required package: gamlss.data
## Attaching package: 'gamlss.data'
## The following object is masked from 'package:datasets':
##
##
       sleep
## Loading required package: gamlss.dist
## Loading required package: nlme
## Attaching package: 'nlme'
## The following object is masked from 'package:dplyr':
##
##
       collapse
## Loading required package: parallel
                 GAMLSS Version 5.4-22 *******
## For more on GAMLSS look at https://www.gamlss.com/
```

```
## GAMLSS-RS iteration 1: Global Deviance = 387.46
## GAMLSS-RS iteration 2: Global Deviance = 382.2987
## GAMLSS-RS iteration 3: Global Deviance = 381.3021
## GAMLSS-RS iteration 4: Global Deviance = 379.8304
## GAMLSS-RS iteration 5: Global Deviance = 379.7584
## GAMLSS-RS iteration 6: Global Deviance = 382.5324
## GAMLSS-RS iteration 7: Global Deviance = 378.1871
  GAMLSS-RS iteration 8: Global Deviance = 378.355
## GAMLSS-RS iteration 9: Global Deviance = 377.6372
## GAMLSS-RS iteration 10: Global Deviance = 377.8513
## GAMLSS-RS iteration 11: Global Deviance = 383.089
## GAMLSS-RS iteration 12: Global Deviance = 381.5771
## GAMLSS-RS iteration 13: Global Deviance = 386.0966
## GAMLSS-RS iteration 14: Global Deviance = 377.7339
## GAMLSS-RS iteration 15: Global Deviance = 377,602
## GAMLSS-RS iteration 16: Global Deviance = 379.6855
## GAMLSS-RS iteration 17: Global Deviance = 377.8786
## GAMLSS-RS iteration 18: Global Deviance = 377.994
## GAMLSS-RS iteration 19: Global Deviance = 377.6332
## GAMLSS-RS iteration 20: Global Deviance = 377.588
```

Warning in RS(): Algorithm RS has not yet converged

plot(lmod_soccer2)



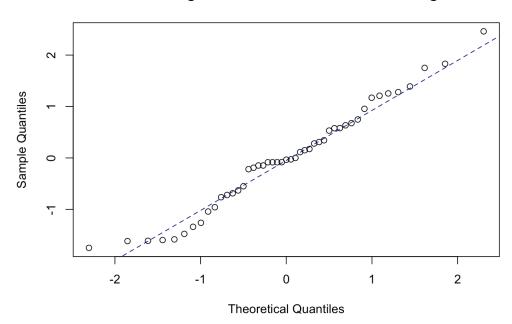
```
##
  ************************
##
       Summary of the Quantile Residuals
##
                              -0.005812045
                      mean
##
                   variance
                              1.031057
##
             coef. of skewness
                            =
                              0.1385793
##
             coef. of kurtosis
                              2.433816
## Filliben correlation coefficient
                            =
                              0.9888599
  ***********************
```

```
cat("\n", "AIC: ", lmod_soccer2$aic, "\n")
```

```
## ## AIC: 403.588
```

```
resids = residuals(lmod_soccer2, type = "simple")
qqnorm(resids, main = "Q-Q Plot using Student Skew t distribution with gamlss")
qqline(resids, col = "darkblue", lwd = 1, lty = "dashed")
```

Q-Q Plot using Student Skew t distribution with gamlss



Microwaves from Amazon

```
microwaves = read.csv("data/microwaves.csv")
microwaves$price_list_price = as.numeric(gsub("\\$", "", microwaves$price_list_price))
```

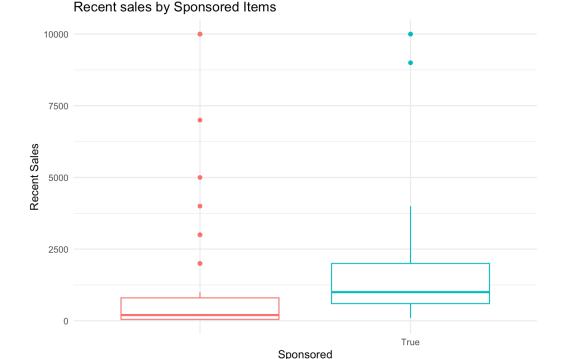
Warning: NAs introduced by coercion

```
microwaves$price_name = as.factor(microwaves$price_name)
microwaves$sponsored = as.factor(microwaves$sponsored)
microwaves$is_small_business = as.factor(microwaves$is_small_business)
microwaves$stock_info = as.factor(microwaves$stock_info)
microwaves$is_prime = as.factor(microwaves$is_prime)
str(microwaves)
```

```
## 'data.frame':
                   137 obs. of 15 variables:
## $ position
                      : int 1 2 3 5 7 8 9 10 11 12 ...
## $ title
                      : chr "Chefman Countertop Microwave Oven 0.7 Cu. Ft., 700 Watts with 10 Power Levels, 6 C
ooking Presets with One-Touch"| __truncated__ "Farberware Countertop Microwave 1000 Watts, 1.1 cu ft - Microwave
Oven With LED Lighting and Child Lock - Perfe" | __truncated__ "TOSHIBA EM131A5C-BS Countertop Microwave Ovens 1.2
Cu Ft, 12.4\" Removable Turntable Smart Humidity Sensor 12 A"| __truncated__ "5304522796 Microwave Door Latch Com
patible with Brands Electrolux, Frigidaire, Gibson, Kelvinator, Westinghouse"| truncated ...
## $ asin
                     : chr "B0DY95T5HB" "B01EIZSF6I" "B071WCB1T6" "B0F5WPTLZS" ...
## $ is_prime
                     : Factor w/ 2 levels "False", "True": 1 1 1 1 2 1 2 1 1 1 ...
                     : num 4.3 4.4 4.4 5 4.4 4 4.5 4.3 NA 4.4 ...
## $ rating
## $ ratings_total : num 1396 23609 54371 1 11371 ...
## $ sponsored
                     : Factor w/ 2 levels "", "True": 2 2 1 1 2 2 2 1 2 1 ...
## $ is_small_business: Factor w/ 2 levels "","True": 1 1 1 1 1 1 1 1 1 1 1 ...
                     : chr "" "" "" ...
## $ coupon
                     : num 0.7 1.1 1.2 NA 1.9 NA NA 0.7 NA 0.7 ...
## $ cu_ft
## $ recent_sales_num : num 9000 4000 10000 50 400 800 100 10000 NA 10000 ...
  $ price_value
                  : num 65 120 150 20 343 ...
## $ price_list_price : num 100 130 NA 22 NA ...
                  : Factor w/ 7 levels "","Limited time deal",...: 2 3 1 3 1 3 1 1 3 1 ...
  $ price name
                      : Factor w/ 19 levels "", "Only 1 left in stock - order soon.",..: 1 1 1 1 1 1 1 1 1 1 ...
  $ stock_info
```

```
ggplot(microwaves) +
  geom_boxplot(aes(x=sponsored, y = recent_sales_num, color = sponsored)) +
  theme_minimal() +
  theme(legend.position = "none") +
  labs(x="Sponsored", y = "Recent Sales", title = "Recent sales by Sponsored Items")
```

```
## Warning: Removed 39 rows containing non-finite outside the scale range
## (`stat_boxplot()`).
```



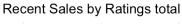
Saving 7 x 5 in image

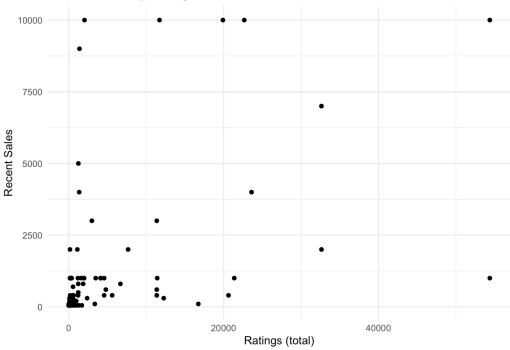
```
ggsave("images/recent_spon.png", bg="white")
```

```
## Warning: Removed 39 rows containing non-finite outside the scale range
## (`stat_boxplot()`).
```

```
ggplot(microwaves) +
  geom_point(aes(x=ratings_total, y=recent_sales_num)) +
  theme_minimal() +
  labs(x="Ratings (total)", y="Recent Sales", title="Recent Sales by Ratings total")
```

```
\#\# Warning: Removed 39 rows containing missing values or values outside the scale range \#\# (`geom_point()`).
```





ggsave("images/sales_by_rat.png", bg="white")

Saving 7 x 5 in image

Warning: Removed 39 rows containing missing values or values outside the scale range
(`geom_point()`).

Lego from Amazon

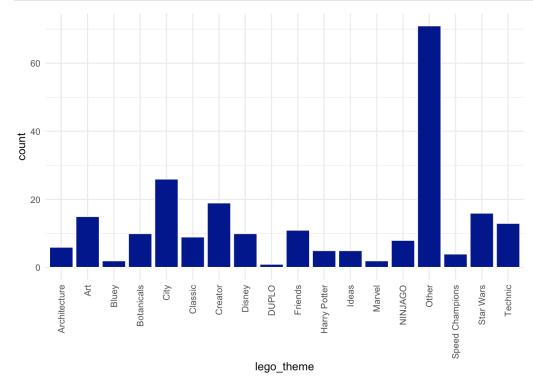
```
lego = read.csv("data/lego.csv")
lego$price_list_price = as.numeric(gsub("\\$", "", lego$price_list_price))
```

Warning: NAs introduced by coercion

```
lego$price_name = as.factor(lego$price_name)
lego$sponsored = as.factor(lego$sponsored)
lego$stock_info = as.factor(lego$stock_info)
lego$is_prime = as.factor(lego$is_prime)
lego$age_rec = as.factor(lego$age_rec)
lego$lego_theme = as.factor(lego$lego_theme)
str(lego)
```

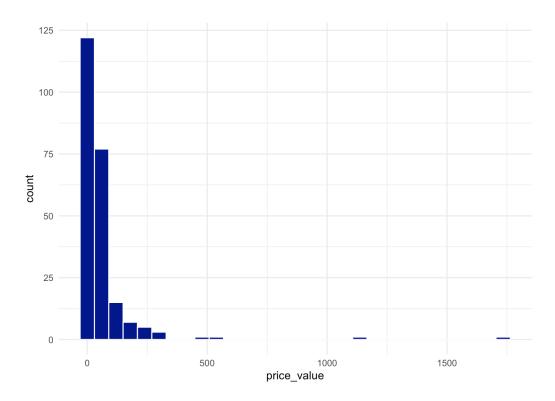
```
233 obs. of 15 variables:
## 'data.frame':
## $ position
                     : int 1 2 3 4 5 6 7 8 9 10 ...
## $ title
                     : chr "LEGO Bluey: Bluey's Family House - Toddler Toy for 4 Year Old Boys and Girls - Hous
e Playset Includes Bluey and"| __truncated__ "LEGO | Disney Princess Beauty and The Beast Castle Building Set - R
oom Decor for Women and Men, Ages 18+ - Mode"| __truncated__ "LEGO Star Wars: The Phantom Menace Battle Droid wit
h STAP - Building & Learning Toy for Boys & Girls, Ages 12+ "| __truncated__ "LEGO Harry Potter Book Nook: Hogwar
ts Express - Kids Toy - DIY Kit and Pretend Play Building Set for Boys and G"| __truncated__ ...
   $ asin
                     : chr "B0DRW8L7HY" "B0DRW654DB" "B0DRW6VY43" "B0DRW7WRX3" ...
## $ is_prime
                     : Factor w/ 2 levels "False", "True": 1 1 1 1 1 1 1 1 1 1 ...
                     : num 4.7 5 4.2 4.8 4.8 4.8 4.7 4.8 4.8 4.9 ...
## $ rating
## $ ratings_total : num 51 2 11 26 441 ...
                     : Factor w/ 2 levels "", "True": 2 2 2 2 1 1 1 1 1 1 ...
##
  $ sponsored
                     : chr "" "" "" ...
##
  $ coupon
                     : Factor w/ 18 levels "Architecture",..: 3 8 17 11 15 6 15 11 1 16 ...
##
  $ lego_theme
                     : Factor w/ 11 levels "3", "4", "5", "6", ...: NA 11 9 NA 11 NA NA NA 9 11 ...
## $ age_rec
## $ recent_sales_num: num 2000 NA 700 1000 10000 20000 NA 2000 6000 5000 ...
                     : num 70 280 140 100 214 ...
   $ price_value
  $ price_list_price: num NA NA NA NA 230 ...
                     : Factor w/ 11 levels "","4K","Blu-ray",..: 1 1 1 1 7 7 1 7 7 7 ...
   $ price name
                      : Factor w/ 8 levels "","Only 1 left in stock - order soon.",..: 1 1 1 1 1 1 1 1 1 1 ...
## $ stock_info
```

```
ggplot(lego) +
  geom_bar(aes(x=lego_theme), fill = "darkblue", color = "white") +
  theme_minimal() +
  theme(axis.text.x = element_text(angle = 90, vjust = 0.5, hjust = 1))
```



```
ggplot(lego) +
  geom_histogram(aes(x=price_value), color="white", fill = "darkblue") +
  theme_minimal()
```

```
## `stat_bin()` using `bins = 30`. Pick better value with `binwidth`.
```



Summary

```
library(kableExtra)
```

```
##
## Attaching package: 'kableExtra'
```

```
## The following object is masked from 'package:dplyr':
##
## group_rows
```

```
mean_iphone = mean(iphones_only$price.value)
med_iphone = median(iphones_only$price.value)
len_iphone = nrow(iphones_only)
mean_soccer = mean(jerseys$price.value)
med_soccer = median(jerseys$price.value)
len_soccer = nrow(jerseys)
mean_microwaves = mean(microwaves$price_value)
med_microwaves = median(microwaves$price_value)
len microwaves = nrow(microwaves)
mean_lego = mean(lego$price_value)
med_lego = median(lego$price_value)
len_lego = nrow(lego)
init_feat_iphone = c("Condition, Seller Feedback, Discount, Shipping Cost, Days Listed, Seller Count, Model No.")
init_feat_soccer = c("Condition, Seller Feedback, Discount, Shipping Cost, Days Listed, Seller Count, Club, Count
ry, Year")
init_feat_micro = c("Product Ratings, Sponsored, Size, Recent Sales, Amt off List Price")
init_feat_lego = c("Product Ratings, Sponsored, Theme, Age Rec, Recent Sales, Amt off List Price")
summary_df <- data.frame(</pre>
  category = c("iPhones", "Soccer Jerseys", "Microwaves", "LEGO"),
  mean_price = c(mean_iphone, mean_soccer, mean_microwaves, mean_lego),
  median_price = c(med_iphone, med_soccer, med_microwaves, med_lego),
  n = c(len_iphone, len_soccer, len_microwaves, len_lego),
  features = c(init_feat_iphone, init_feat_soccer, init_feat_micro, init_feat_lego)
#summary_df
table = summary_df %>%
    kbl(
    caption = "Summary Statistics",
    col.names = c("Category", "Mean Price", "Median Price", "No. of Obs.", "Potential Features"),
    digits = 2
  ) %>%
  kable_styling(full_width = FALSE, position = "center")
#install.packages("webshot2")
library(webshot2)
save_kable(table, file = "images/summary_table.png")
```

 $\label{lem:mary_table} \begin{tabular}{ll} \#\# file:///private/var/folders/vg/bxzl7hss0gs1hqxsc9zj92l80000gn/T/Rtmp6LDk0C/summary_table402e30b01ab9.html screenshot completed \end{tabular}$

save_kable will have the best result with magick installed.

table

Summary Statistics

Category	Mean Price	Median Price	No. of Obs.	Potential Features
iPhones	554.60	520.00	385	Condition, Seller Feedback, Discount, Shipping Cost, Days Listed, Seller Count, Model No.
Soccer Jerseys	50.63	48.00	1000	Condition, Seller Feedback, Discount, Shipping Cost, Days Listed, Seller Count, Club, Country, Year
Microwaves	263.32	140.14	137	Product Ratings, Sponsored, Size, Recent Sales, Amt off List Price
LEGO	62.68	27.99	233	Product Ratings, Sponsored, Theme, Age Rec, Recent Sales, Amt off List Price