

Preppin Data: Week 3

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Import Excel Workbook and Sheets

Descriptive Stats

```
##      store              date      new_saddles  new_mudguards
## Length:60      Min.    :2021-01-21  Min.    : 0.00  Min.    : 0.00
## Class :character 1st Qu.:2021-04-13  1st Qu.: 4.00  1st Qu.: 7.00
## Mode  :character Median :2021-07-06  Median : 8.50  Median :12.50
##              Mean   :2021-07-06  Mean   : 9.05  Mean   :21.63
##              3rd Qu.:2021-09-28  3rd Qu.:13.50  3rd Qu.:37.00
##              Max.    :2021-12-21  Max.    :20.00  Max.    :56.00
##      new_wheels    new_bags    existing_saddles existing_mudguards
## Min.    : 0.00  Min.    : 0.00  Min.    : 0.00  Min.    : 0.00
## 1st Qu.: 5.00  1st Qu.:14.75  1st Qu.: 9.75  1st Qu.: 5.50
## Median :11.00  Median :23.00  Median :14.00  Median :14.00
## Mean   :10.47  Mean   :23.12  Mean   :12.60  Mean   :19.25
## 3rd Qu.:17.00  3rd Qu.:34.00  3rd Qu.:18.00  3rd Qu.:33.00
## Max.   :19.00  Max.   :39.00  Max.   :20.00  Max.   :59.00
## existing_wheels existing_bags
## Min.    : 0.000  Min.    : 0.00
## 1st Qu.: 3.000  1st Qu.: 9.75
## Median :10.000  Median :14.50
## Mean   : 9.833  Mean   :16.57
## 3rd Qu.:17.000  3rd Qu.:25.00
## Max.   :20.000  Max.   :40.00
```

Sales by Products and Quarter

```
## Warning: Warning: fonts used in 'flextable' are ignored because the 'pdflatex'
## engine is used and not 'xelatex' or 'lualatex'. You can avoid this warning
## by using the 'set_flextable_defaults(fonts_ignore=TRUE)' command or use a
## compatible engine by defining 'latex_engine: xelatex' in the YAML header of the
## R Markdown document.
```

product_sold	Quarter	total_quantity
bags	4	541
mudguards	4	674
saddles	4	337

product_sold	Quarter	total_quantity
wheels	4	290
bags	3	564
mudguards	3	331
saddles	3	361
wheels	3	306
bags	2	593
mudguards	2	442
saddles	2	280
wheels	2	303
bags	1	683
mudguards	1	1,006
saddles	1	321
wheels	1	319

Sales by Store and Customers (New and Existing)

```
## Warning: Warning: fonts used in 'flextable' are ignored because the 'pdflatex'
## engine is used and not 'xelatex' or 'lualatex'. You can avoid this warning
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## compatible engine by defining 'latex_engine: xelatex' in the YAML header of the
## R Markdown document.
```

store	customer_type	product_sold	products_sold
Birmingham	existing	bags	218
Birmingham	existing	mudguards	266
Birmingham	existing	saddles	185
Birmingham	existing	wheels	78
Birmingham	new	bags	312
Birmingham	new	mudguards	256
Birmingham	new	saddles	123
Birmingham	new	wheels	137
Leeds	existing	bags	246
Leeds	existing	mudguards	180
Leeds	existing	saddles	146
Leeds	existing	wheels	108
Leeds	new	bags	233
Leeds	new	mudguards	270

store	customer_type	product_sold	products_sold
Leeds	new	saddles	106
Leeds	new	wheels	158
London	existing	bags	229
London	existing	mudguards	182
London	existing	saddles	163
London	existing	wheels	129
London	new	bags	251
London	new	mudguards	291
London	new	saddles	123
London	new	wheels	115
Manchester	existing	bags	171
Manchester	existing	mudguards	258
Manchester	existing	saddles	152
Manchester	existing	wheels	138
Manchester	new	bags	286
Manchester	new	mudguards	180
Manchester	new	saddles	97
Manchester	new	wheels	123
York	existing	bags	130
York	existing	mudguards	269
York	existing	saddles	110
York	existing	wheels	137
York	new	bags	305
York	new	mudguards	301
York	new	saddles	94
York	new	wheels	95