Data Handle

James Woods

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Financial Data

This was downloaded from Oregon department of eduction.

```r
DistrictFinance <- read.csv("https://s3-us-west-2.amazonaws.com/woodsjeeschools/ActualExpendituresFundFu

library(stringr)
library(dplyr)
```

```
##
## Attaching package: 'dplyr'

## The following objects are masked from 'package:stats':
##
##     filter, lag

## The following objects are masked from 'package:base':
##
##     intersect, setdiff, setequal, union
```

```r
#Convert to starting of fiscal year.  Remember that the year may not match with the test scores.
DistrictFinance$YearBeginning <- as.factor(str_sub(as.character(DistrictFinance$SchlYr),-4) )

summary(DistrictFinance)
```

```
##    DistInstID        SchlYr          FundCd           FuncCd
##  Min.   :1894   7/1/2000: 11307   Min.   :100.0   Min.   :1000
##  1st Qu.:1994   7/1/2002: 11085   1st Qu.:100.0   1st Qu.:1250
##  Median :2087   7/1/2001: 11056   Median :100.0   Median :2210
##  Mean   :2096   7/1/2003: 10870   Mean   :174.8   Mean   :2160
##  3rd Qu.:2188   7/1/2008: 10809   3rd Qu.:200.0   3rd Qu.:2540
##  Max.   :4131   7/1/2009: 10809   Max.   :800.0   Max.   :7000
##                 (Other) :107616
##    MajFuncCd                                        MajFuncDesc
##  Min.   :1000   Contingencies                           :   59
##  1st Qu.:1000   Enterprise and Community Services       : 7114
##  Median :2000   Facilities Acquisition and Construction: 4108
##  Mean   :1879   Instruction                             :64751
##  3rd Qu.:2000   Other Uses                              : 9175
##  Max.   :7000   Support Services                        :88204
##                 Unappropriated Ending Fund Balance      :  141
##                FundDesc
##  General Fund         :94238
##  Special Revenue Funds :62561
##  Capital Projects Funds: 5804
##  Trust and Agency Funds: 4326
##  Internal Service Funds: 2941
##  Debt Service Funds    : 2804
##  (Other)               :  878
```

```
##                                            FuncDesc         Amount
##  Operation and Maintenance of Plant Services:  6905   Min.   : -1146278
##  Primary (K-3)                              :  6087   1st Qu.:    13235
##  High School Programs                       :  6027   Median :    80166
##  Fiscal Services                            :  5787   Mean   :   639628
##  Technology Services                        :  5769   3rd Qu.:   335661
##  High School  Extra-curricular              :  5584   Max.   :490931880
##  (Other)                                    :137393
##         CntyNm                             DistNm       InstTypCd
##  LANE      : 15083   Tigard-Tualatin SD 23J  : 1527   D:160115
##  CLACKAMAS : 11928   Eugene SD 4J            : 1442   E: 13437
##  DOUGLAS   : 11388   Forest Grove SD 15      : 1348
##  MARION    : 11160   Oregon City SD 62       : 1304
##  MULTNOMAH :  9613   Greater Albany Public SD 8J: 1291
##  WASHINGTON:  9438   Canby SD 86             : 1290
##  (Other)   :104942   (Other)                 :165350
##    MajFuncTot         FundTot         last.column YearBeginning
##  Min.   : -1146278   Min.   :    -2710   -:173552   2000   : 11307
##  1st Qu.:   479035   1st Qu.:  1640256              2002   : 11085
##  Median :  1945519   Median :  5458304              2001   : 11056
##  Mean   :  7688189   Mean   : 18237559              2003   : 10870
##  3rd Qu.:  6716538   3rd Qu.: 17222734              2008   : 10809
##  Max.   :501057554   Max.   :836236630              2009   : 10809
##                                                     (Other):107616
```