R Notebook

```r
library(readr)
dis <- read.csv("Salaries.csv")
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
```
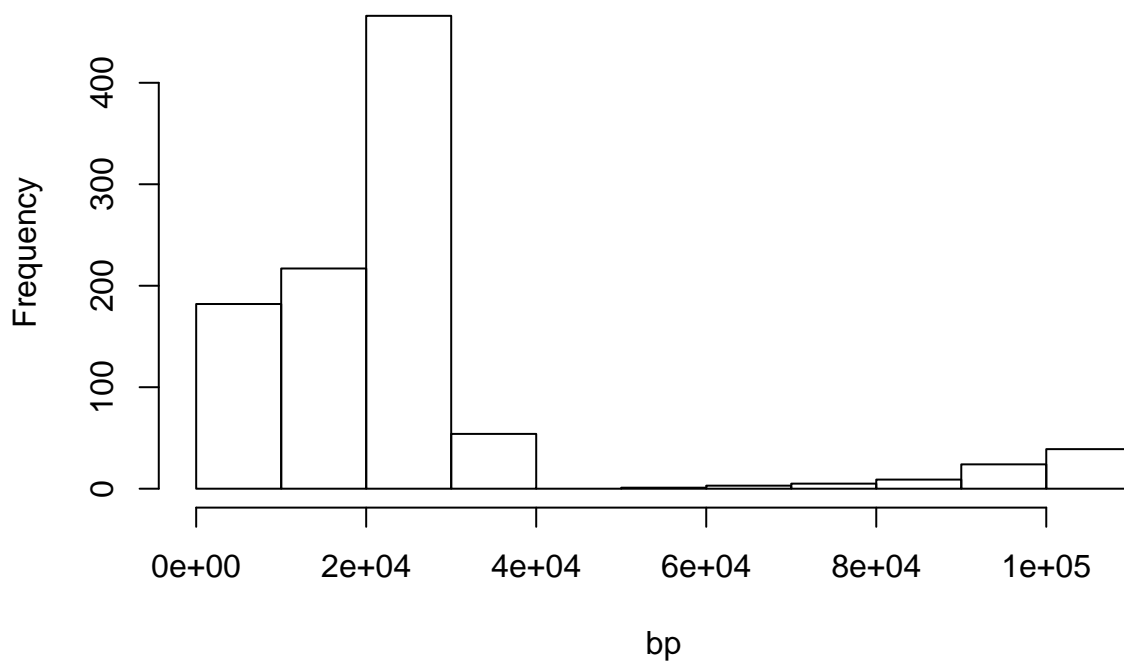
```r
library(ggplot2)
```

```r
dis <- dis %>%
  slice(1:1000)
```

Base Pay

```r
bp <- as.numeric(dis$BasePay)
hist(bp)
```
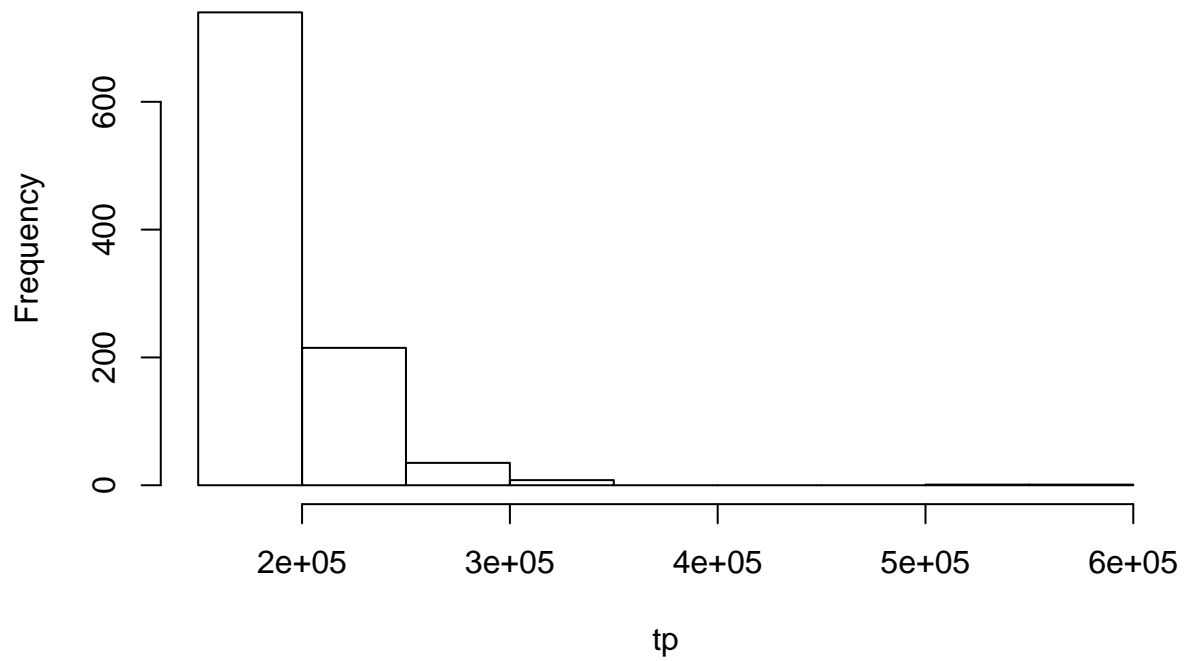
Histogram of bp

Total Pay

```r
tp <- as.numeric(dis$TotalPay)
hist(tp)
```
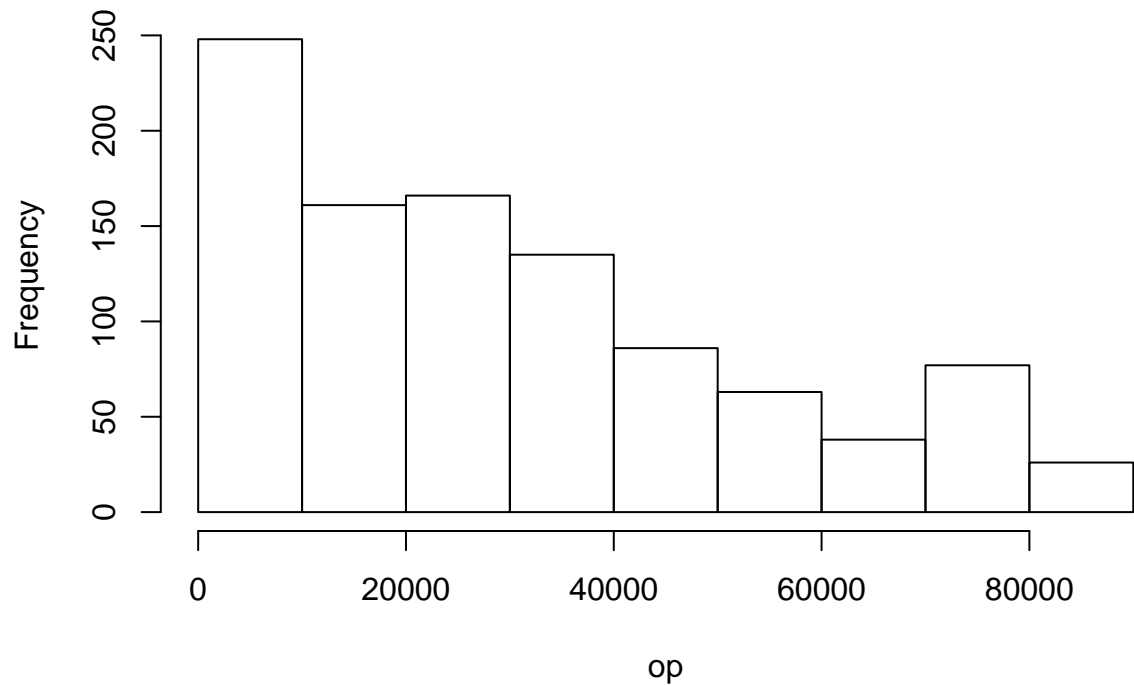
Histogram of tp

Other pay

```r
op <- as.numeric(dis$OtherPay)
hist(op)
```

Histogram of op

High identification risks

```r
dis_20 <- dis %>% slice(1:20)
dis_20
```

```
##    Id      EmployeeName                                           JobTitle
## 1   1    NATHANIEL FORD     GENERAL MANAGER-METROPOLITAN TRANSIT AUTHORITY
## 2   2     GARY JIMENEZ                        CAPTAIN III (POLICE DEPARTMENT)
## 3   3    ALBERT PARDINI                       CAPTAIN III (POLICE DEPARTMENT)
## 4   4  CHRISTOPHER CHONG        WIRE ROPE CABLE MAINTENANCE MECHANIC
## 5   5   PATRICK GARDNER     DEPUTY CHIEF OF DEPARTMENT,(FIRE DEPARTMENT)
## 6   6    DAVID SULLIVAN                         ASSISTANT DEPUTY CHIEF II
## 7   7         ALSON LEE              BATTALION CHIEF, (FIRE DEPARTMENT)
## 8   8     DAVID KUSHNER                 DEPUTY DIRECTOR OF INVESTMENTS
## 9   9    MICHAEL MORRIS               BATTALION CHIEF, (FIRE DEPARTMENT)
## 10 10 JOANNE HAYES-WHITE       CHIEF OF DEPARTMENT, (FIRE DEPARTMENT)
## 11 11     ARTHUR KENNEY ASSISTANT CHIEF OF DEPARTMENT, (FIRE DEPARTMENT)
## 12 12  PATRICIA JACKSON                     CAPTAIN III (POLICE DEPARTMENT)
## 13 13 EDWARD HARRINGTON                       EXECUTIVE CONTRACT EMPLOYEE
## 14 14        JOHN MARTIN                                 DEPARTMENT HEAD V
## 15 15    DAVID FRANKLIN              BATTALION CHIEF, (FIRE DEPARTMENT)
## 16 16    RICHARD CORRIEA             COMMANDER III, (POLICE DEPARTMENT)
## 17 17          AMY HART                                 DEPARTMENT HEAD V
## 18 18    SEBASTIAN WONG      CAPTAIN, EMERGENCYCY MEDICAL SERVICES
## 19 19        MARTY ROSS              BATTALION CHIEF, (FIRE DEPARTMENT)
## 20 20      ELLEN MOFFATT                       ASSISTANT MEDICAL EXAMINER
##      BasePay OvertimePay  OtherPay Benefits TotalPay TotalPayBenefits Year
## 1  167411.18         0.0 400184.25          567595.4         567595.4 2011
## 2  155966.02   245131.88 137811.38          538909.3         538909.3 2011
## 3  212739.13   106088.18   16452.6          335279.9         335279.9 2011
## 4    77916.0    56120.71  198306.9          332343.6         332343.6 2011
## 5   134401.6      9737.0 182234.59          326373.2         326373.2 2011
## 6   118602.0      8601.0 189082.74          316285.7         316285.7 2011
## 7   92492.01     89062.9 134426.14          315981.0         315981.0 2011
## 8  256576.96         0.0   51322.5          307899.5         307899.5 2011
## 9  176932.64    86362.68  40132.23          303427.5         303427.5 2011
## 10  285262.0         0.0  17115.73          302377.7         302377.7 2011
## 11 194999.39    71344.88   33149.9          299494.2         299494.2 2011
## 12   99722.0    87082.62  110804.3          297608.9         297608.9 2011
## 13 294580.02         0.0       0.0          294580.0         294580.0 2011
## 14 271329.03         0.0  21342.59          292671.6         292671.6 2011
## 15 174872.64     74050.3  37424.11          286347.0         286347.0 2011
## 16 198778.01     73478.2  13957.65          286213.9         286213.9 2011
## 17 268604.57         0.0  16115.86          284720.4         284720.4 2011
## 18 140546.87   119397.26  18625.08          278569.2         278569.2 2011
## 19 168692.63    69626.12  38115.47          276434.2         276434.2 2011
## 20 257510.59      880.16   16159.5          274550.2         274550.2 2011
##    Notes        Agency Status
## 1     NA San Francisco
## 2     NA San Francisco
## 3     NA San Francisco
## 4     NA San Francisco
## 5     NA San Francisco
## 6     NA San Francisco
## 7     NA San Francisco
## 8     NA San Francisco
```

```
## 9       NA San Francisco
## 10      NA San Francisco
## 11      NA San Francisco
## 12      NA San Francisco
## 13      NA San Francisco
## 14      NA San Francisco
## 15      NA San Francisco
## 16      NA San Francisco
## 17      NA San Francisco
## 18      NA San Francisco
## 19      NA San Francisco
## 20      NA San Francisco
```