Dynamic Report

March 7, 2018

R Markdown

```
params$Salary
```

```
## [1] 100000
```

```
params$birthday
```

```
## [1] "1980-12-31"
```

```
params$Road2Retirement
```

```
##      calendar AgePath BVGcontriburionrates DirectP2 ReturnP2 TotalP2
## 1  2018-03-07      37                 0.010        0        0       0
## 2  2018-12-31      38                 0.010        0        0       0
## 3  2019-12-31      39                 0.010        0        0       0
## 4  2020-12-31      40                 0.010        0        0       0
## 5  2021-12-31      41                 0.010        0        0       0
## 6  2022-12-31      42                 0.010        0        0       0
## 7  2023-12-31      43                 0.010        0        0       0
## 8  2024-12-31      44                 0.010        0        0       0
## 9  2025-12-31      45                 0.011        0        0       0
## 10 2026-12-31      46                 0.011        0        0       0
## 11 2027-12-31      47                 0.011        0        0       0
## 12 2028-12-31      48                 0.011        0        0       0
## 13 2029-12-31      49                 0.011        0        0       0
## 14 2030-12-31      50                 0.011        0        0       0
## 15 2031-12-31      51                 0.011        0        0       0
## 16 2032-12-31      52                 0.011        0        0       0
## 17 2033-12-31      53                 0.011        0        0       0
## 18 2034-12-31      54                 0.011        0        0       0
## 19 2035-12-31      55                 0.130        0        0       0
## 20 2036-12-31      56                 0.130        0        0       0
## 21 2037-12-31      57                 0.130        0        0       0
## 22 2038-12-31      58                 0.130        0        0       0
## 23 2039-12-31      59                 0.130        0        0       0
## 24 2040-12-31      60                 0.130        0        0       0
## 25 2041-12-31      61                 0.130        0        0       0
## 26 2042-12-31      62                 0.130        0        0       0
## 27 2043-12-31      63                 0.130        0        0       0
## 28 2044-12-31      64                 0.130        0        0       0
## 29 2045-12-31      65                 0.130        0        0       0
##            t BVGDirect BVGContributions BVGpurchase ExpectedSalaryPath
## 1  0.8191781         0                0           0                   0
## 2  1.0000000         0                0           0                   0
## 3  1.0027397         0                0           0                   0
## 4  1.0000000         0                0           0                   0
## 5  1.0000000         0                0           0                   0
## 6  1.0000000         0                0           0                   0
## 7  1.0027397         0                0           0                   0
```

```
## 8  1.0000000         0                0           0                 0
## 9  1.0000000         0                0           0                 0
## 10 1.0000000         0                0           0                 0
## 11 1.0027397         0                0           0                 0
## 12 1.0000000         0                0           0                 0
## 13 1.0000000         0                0           0                 0
## 14 1.0000000         0                0           0                 0
## 15 1.0027397         0                0           0                 0
## 16 1.0000000         0                0           0                 0
## 17 1.0000000         0                0           0                 0
## 18 1.0000000         0                0           0                 0
## 19 1.0027397         0                0           0                 0
## 20 1.0000000         0                0           0                 0
## 21 1.0000000         0                0           0                 0
## 22 1.0000000         0                0           0                 0
## 23 1.0027397         0                0           0                 0
## 24 1.0000000         0                0           0                 0
## 25 1.0000000         0                0           0                 0
## 26 1.0000000         0                0           0                 0
## 27 1.0027397         0                0           0                 0
## 28 1.0000000         0                0           0                 0
## 29 0.0000000         0                0           0                 0
##    DirectP3   ReturnP3  TotalP3 P3ContributionPath P3purchase DirectTax
## 1     50000   411.2713 50411.27              50000          0         0
## 2     50000   917.9130 50917.91                  0          0         0
## 3     50000  1431.0555 51431.06                  0          0         0
## 4     50000  1947.9462 51947.95                  0          0         0
## 5     50000  2470.0318 52470.03                  0          0         0
## 6     50000  2997.3644 52997.36                  0          0         0
## 7     50000  3531.4633 53531.46                  0          0         0
## 8     50000  4069.4635 54069.46                  0          0         0
## 9     50000  4612.8706 54612.87                  0          0         0
## 10    50000  5161.7391 55161.74                  0          0         0
## 11    50000  5717.6503 55717.65                  0          0         0
## 12    50000  6277.6220 56277.62                  0          0         0
## 13    50000  6843.2215 56843.22                  0          0         0
## 14    50000  7414.5054 57414.51                  0          0         0
## 15    50000  7993.1196 57993.12                  0          0         0
## 16    50000  8575.9601 58575.96                  0          0         0
## 17    50000  9164.6583 59164.66                  0          0         0
## 18    50000  9759.2730 59759.27                  0          0         0
## 19    50000 10361.5174 60361.52                  0          0         0
## 20    50000 10968.1607 60968.16                  0          0         0
## 21    50000 11580.9009 61580.90                  0          0         0
## 22    50000 12199.7993 62199.80                  0          0         0
## 23    50000 12826.6389 62826.64                  0          0         0
## 24    50000 13458.0571 63458.06                  0          0         0
## 25    50000 14095.8212 64095.82                  0          0         0
## 26    50000 14739.9949 64739.99                  0          0         0
## 27    50000 15392.4342 65392.43                  0          0         0
## 28    50000 16049.6391 66049.64                  0          0         0
## 29    50000 16049.6391 66049.64                  0          0         0
##    ReturnTax TotalTax TaxBenefits TaxRatePath TotalContr    Total
## 1          0        0           0         0.2          0 50411.27
```

```
## 2          0        0          0        0.2          0 50917.91
## 3          0        0          0        0.2          0 51431.06
## 4          0        0          0        0.2          0 51947.95
## 5          0        0          0        0.2          0 52470.03
## 6          0        0          0        0.2          0 52997.36
## 7          0        0          0        0.2          0 53531.46
## 8          0        0          0        0.2          0 54069.46
## 9          0        0          0        0.2          0 54612.87
## 10         0        0          0        0.2          0 55161.74
## 11         0        0          0        0.3          0 55717.65
## 12         0        0          0        0.3          0 56277.62
## 13         0        0          0        0.3          0 56843.22
## 14         0        0          0        0.3          0 57414.51
## 15         0        0          0        0.3          0 57993.12
## 16         0        0          0        0.3          0 58575.96
## 17         0        0          0        0.3          0 59164.66
## 18         0        0          0        0.3          0 59759.27
## 19         0        0          0        0.3          0 60361.52
## 20         0        0          0        0.3          0 60968.16
## 21         0        0          0        0.3          0 61580.90
## 22         0        0          0        0.3          0 62199.80
## 23         0        0          0        0.3          0 62826.64
## 24         0        0          0        0.3          0 63458.06
## 25         0        0          0        0.3          0 64095.82
## 26         0        0          0        0.3          0 64739.99
## 27         0        0          0        0.3          0 65392.43
## 28         0        0          0        0.3          0 66049.64
## 29         0        0          0        0.3          0 66049.64
```

```
params$SalaryGrowthRate
```

```
## [1] 0.02
```

```
params$CurrentP2
```

```
## [1] 0
```

```
params$P2purchase
```

```
## [1] 0
```

```
params$TypePurchase
```

```
## [1] "SingleP2"
```

```
params$rate
```

```
## [1] 0.01
```

```
params$P3purchase
```

```
## [1] 0
```

```
params$CurrentP3
```

```
## [1] 50000
```

```
params$returnP3
```

```
## [1] 0.01
```

```
params$postalcode
```

```
## [1] "8001"
```

```
params$Kanton
```

```
## [1] "ZH"
```

```
params$Tariff
```

```
## [1] "TA"
```

```
params$NKids
```

```
## [1] "0kid"
```

```
params$MaxContrTax
```

```
## [1] 6768
```

```
params$retirementdate
```

```
## [1] "1980-12-31"
```

```
disclaimer <- paste("Disclaimer:",
      "The results of this calculations do not have any legal value.",
      "To check the details of the calculations, parameters and assumptions, please, download the repor
BarGraphData <- as.data.frame( params$BarGraphData)
BarGraphData
```

```
##   contribution  DirectP3 DirectP3.annotation  ReturnP3 ReturnP3.annotation
## 1              0.7570064           0.7570064 0.2429936           0.2429936
```

```
yvar= c("DirectP2", "ReturnP2", "DirectP3", "ReturnP3", "DirectTax", "ReturnTax", "contribution")
yvar
```

```
## [1] "DirectP2"     "ReturnP2"     "DirectP3"     "ReturnP3"
## [5] "DirectTax"    "ReturnTax"    "contribution"
```

```
usedyvar<- colnames(BarGraphData)[colnames(BarGraphData) %in% yvar]
usedyvar
```

```
## [1] "contribution" "DirectP3"     "ReturnP3"
```

```
# plot2 <- gvisBarChart( data = params$BarGraphData,
#              xvar = "contribution",
#              yvar= colnames(params$BarGraphData)[!grepl("contribution", colnames(params$BarGraphData)
#              options = list(width = 1200, height = 300, isStacked = TRUE, vAxes = "[{minValue:0}]", l
#              system("wkhtmltoimage -n --enable-javascript --javascript-delay 2000 data/plot2.html dat
#     )
bardata <- BarGraphData %>% select(usedyvar)
bardata
```

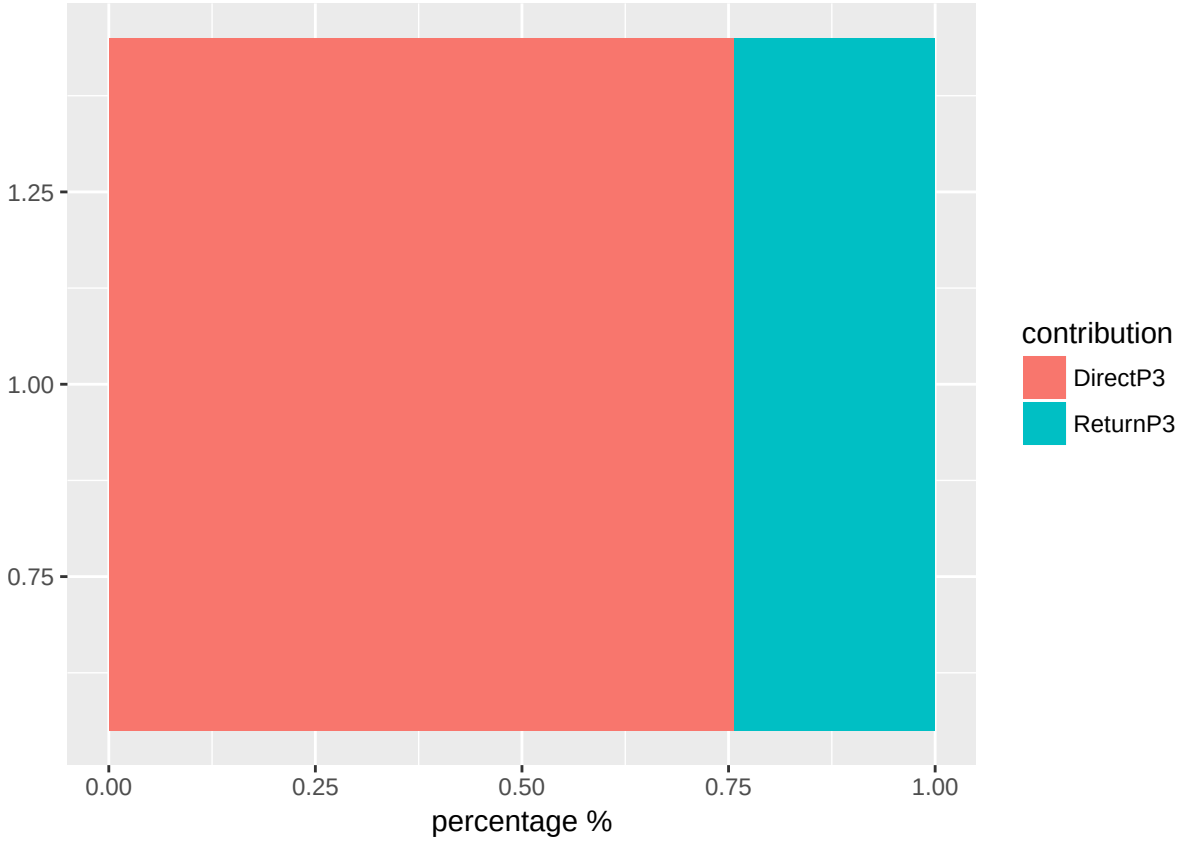
```
##   contribution  DirectP3  ReturnP3
## 1              0.7570064 0.2429936
```

```
bardata <- bardata %>%  melt( id ="contribution") %>% select(c(variable, value))
bardata
```

```
##   variable     value
## 1 DirectP3 0.7570064
```

```
## 2 ReturnP3 0.2429936
```

```
g <- ggplot(bardata, aes(x=1, y=value, fill=variable)) + geom_bar(stat="identity",
            position = position_fill(reverse = TRUE))
g + coord_flip() + labs(x="", y="percentage %", fill="contribution")
```



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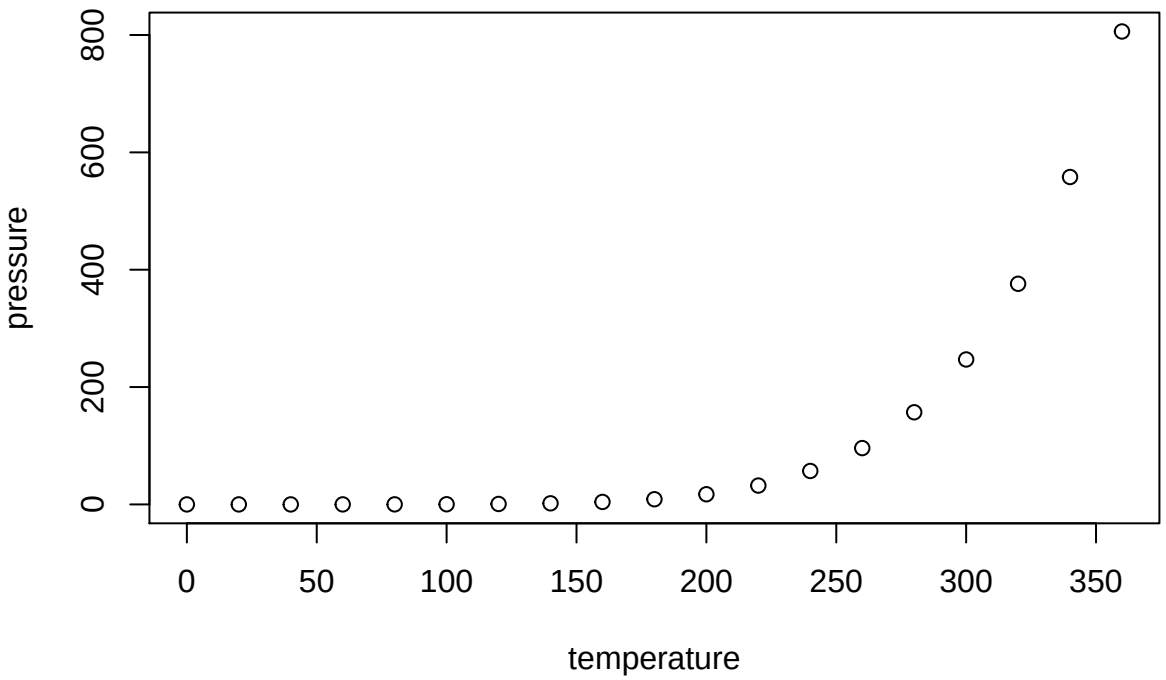
When you click the **Knit** button a document will be generated that includes both content as well as the output of any embedded R code chunks within the document. You can embed an R code chunk like this:

```
summary(cars)
```

```
##      speed           dist
##  Min.   : 4.0   Min.   :  2.00
##  1st Qu.:12.0   1st Qu.: 26.00
##  Median :15.0   Median : 36.00
##  Mean   :15.4   Mean   : 42.98
##  3rd Qu.:19.0   3rd Qu.: 56.00
##  Max.   :25.0   Max.   :120.00
```

Including Plots

You can also embed plots, for example:



Note that the `echo = FALSE` parameter was added to the code chunk to prevent printing of the R code that generated the plot.

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