Company Balance Sheet Analysis

Company Balance Sheet Analysis

Group 12
15th November 2016

Company Balance Sheet Analysis

List of Companies

10k forms scraped from: https://www.sec.gov/.

- $AMZN (Amazon)
- $AAPL (Apple)
- $PEP (Pepsi)
- $NFLX (Netflix)

Setting up things

```
# To parse XML documents
library(XBRL)
# To visualize results
library(plotly)
library(ggplot2)
# To analyze balance sheets
library(finstr)
# Data munging
library(dplyr)
# HTML Tables
library(htmlTable)
setwd("~/Work/BigDataAssignments/secgovanalyze")
```

Analyzing Amazon

```
#AMZN forms
amzn_url2015<-'http://localhost:8000/amzn/2015/amzn-20141231.xml'
amzn_url2016<- 'http://localhost:8000/amzn/2016/amzn-20151231.xml'
old_o <- options(stringsAsFactors = FALSE)
amzn_2015 <- xbrlDoAll(amzn_url2015)
amzn_2016 <- xbrlDoAll(amzn_url2016)
options(old_o)
amzn2015 <- xbrl_get_statements(amzn_2015)
amzn2016 <- xbrl_get_statements(amzn_2016)
```

Company Balance Sheet Analysis

Amazon 10K in 2015

```
> amzn2015
Financial statements repository
                                                 From         To Rows Columns
ConsolidatedBalanceSheets                   2013-12-31 2014-12-31    2      28
ConsolidatedStatementsOfCashFlows           2012-12-31 2014-12-31    3      33
ConsolidatedStatementsOfComprehensiveIncome 2012-12-31 2014-12-31    3      11
ConsolidatedStatementsOfOperations          2012-12-31 2014-12-31    3      23
```

Amazon 10K in 2016

```
> amzn2016
Financial statements repository
                                                 From         To Rows Columns
ConsolidatedBalanceSheets                   2014-12-31 2015-12-31    2      28
ConsolidatedStatementsOfCashFlows           2013-12-31 2015-12-31    3      32
ConsolidatedStatementsOfComprehensiveIncome 2013-12-31 2015-12-31    3      11
ConsolidatedStatementsOfOperations          2013-12-31 2015-12-31    3      23
>
```

Merge the result!

```
amzn <- merge(amzn2015,amzn2016)
amznSOP <- merge(amzn2015$ConsolidatedStatementsOfOperations,amzn2016$ConsolidatedStatementsOfOperations)
amznBalanceSheet<- merge(amzn2015$ConsolidatedBalanceSheets,amzn2016$ConsolidatedBalanceSheets)
amznCashflow <- merge(amzn2015$ConsolidatedStatementsOfCashFlows,amzn2016$ConsolidatedStatementsOfCashFlows)
```

```
> amznBalanceSheet
Financial statement: 3 observations from 2013-12-31 to 2015-12-31
 Element                                                2015-12-31 2014-12-31 2013-12-31
 Assets =                                               654.44     545.05     401.59
 + AssetsCurrent =                                      364.74     313.27     246.25
   + CashAndCashEquivalentsAtCarryingValue              158.90     145.57      86.58
   + MarketableSecuritiesCurrent                         39.18      28.59      37.89
   + InventoryNet                                       102.43      82.99      74.11
   + AccountsReceivableNetCurrent                        64.23      56.12      47.67
 + PropertyPlantAndEquipmentNet                         218.38     169.67     109.49
 + Goodwill                                              37.59      33.19      26.55
 + OtherAssetsNoncurrent                                 33.73      28.92      19.30
 LiabilitiesAndStockholdersEquity =                     654.44     545.05     401.59
 + LiabilitiesCurrent =                                 338.99     280.89     229.80
   + AccountsPayableCurrent                             203.97     164.59     151.33
   + AccruedLiabilitiesCurrent                          103.84      98.07      66.88
   + DeferredRevenueCurrent                              31.18      18.23      11.59
 + LongTermDebtNoncurrent                                82.35      82.65      31.91
 + OtherLiabilitiesNoncurrent                            99.26      74.10      42.42
 + StockholdersEquity =                                 133.84     107.41      97.46
   + PreferredStockValue                                 0.00       0.00       0.00
   + CommonStockValue                                    0.05       0.05       0.05
   - TreasuryStockValue                                 18.37      18.37      18.37
   + AdditionalPaidInCapital                            133.94     111.35      95.73
   + AccumulatedOtherComprehensiveIncomeLossNetOfTax     -7.23      -5.11      -1.85
   + RetainedEarningsAccumulatedDeficit                  25.45      19.49      21.90
 + CommitmentsAndContingencies                            0.00       0.00       0.00
```

Company Balance Sheet Analysis

Financial ratios!

It's the ratio of current assests / current liabilities.

```
amznBalanceSheet %>% transmute(
  date = endDate,
  CurrentRatio = AssetsCurrent / LiabilitiesCurrent
)
```

```
        date CurrentRatio
1 2013-12-31     1.071584
2 2014-12-31     1.115276
3 2015-12-31     1.075961
```

Inference : Amazon consistently had a ratio of 1.0 or greater which indicates that Amazon possesed more assets than liablities, which is a good sign for company's growth.

Company Balance Sheet Analysis

Visualize Revenue and Expenditure!

Consolidated Statement of Operations. This dataset highlights the Revenue earned by Amazon v/s amount spent in activities like `marketing`, `admnistration expense`, `cost of goods and services sold`, `amazon fulfillment expense` and other `ops costs`.

```
amznSOP_simple <- expose( amznSOP,
`Revenue` = 'SalesRevenueNet',
`Expenditure` = 'CostsAndExpenses'
)

print(amznSOP_simple, html = TRUE, big.mark = ",", dateFormat = "%Y")
```

	2015	2014	2013	2012
Net Income (Loss) Attributable to Parent	596	-241	274	-39
Revenue	107,006	88,988	74,452	61,093
Expenditure	-104,773	-88,810	-73,707	-60,417
OtherNetIncomeLoss_	-1,637	-419	-471	-715

`Inference: Amazon as a company is increasing it's revenue every year, but this is only possible with greater expenditure. Bottomline: More the expenditure more is the revenue`

Company Balance Sheet Analysis

Visualizing Cash Flow!

This dataset highlights how the money is used in Amazon.

```
amznCashflow_simple <- expose( amznCashflow,
`Ops Activities` = 'NetCashProvidedByUsedInOperatingActivities',
`Investing` = 'NetCashProvidedByUsedInInvestingActivities',
`Financing` = 'NetCashProvidedByUsedInFinancingActivities'
)
print(amznCashflow_simple, html = TRUE, big.mark = ",", dateFormat = "%Y")
```

	2015	2014	2013	2012
Cash and Cash Equivalents, Period Increase (Decrease)	1,333	5,899	574	2,815
Ops Activities	10,728	7,324	4,927	4,258
Investing	-6,450	-7,607	-7,102	-3,595
Financing	-3,763	4,432	-539	2,259
OtherCashAndCashEquivalentsPeriodIncreaseDecrease_	-374	-310	-86	-29

Inference: Amazon spends most of the money in Day to day operational activities, but invests some money in acquiring property plant, equipment, business interests, marketable services

Company Balance Sheet Analysis

Visualizing Balance Sheet!

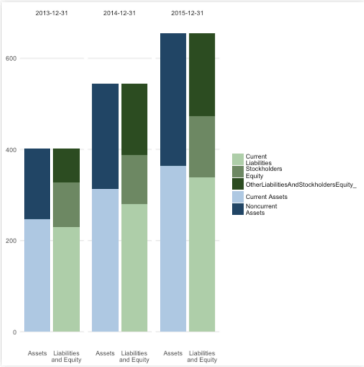
This dataset highlights core components of Balance sheet of Amazon

```
amznBalanceSheet_simple<- expose( amznBalanceSheet,
# Assets
`Current Assets` = "AssetsCurrent",
`Noncurrent Assets` = other("Assets"),
# Liabilites and equity
`Current Liabilities` = "LiabilitiesCurrent",
`Stockholders Equity` = "StockholdersEquity"
)
print(amznBalanceSheet_simple, html = TRUE, big.mark = ",", dateFormat = "%Y")
```

	2015	2014	2013
Assets	**654.44**	**545.05**	**401.59**
Current Assets	364.74	313.27	246.25
Noncurrent Assets	289.70	231.78	155.34
Liabilities and Equity	**654.44**	**545.05**	**401.59**
Current Liabilities	338.99	280.89	229.80
Stockholders Equity	133.84	107.41	97.46
OtherLiabilitiesAndStockholdersEquity_	181.61	156.75	74.33

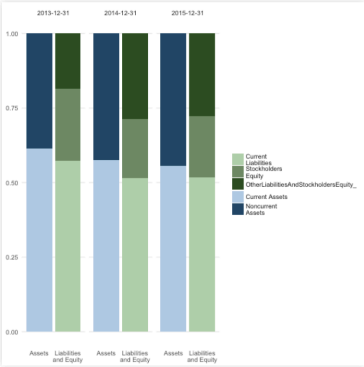
Visualizing in detail

```
plot_double_stacked_bar(amznBalanceSheet_simple)
```



Visualization --continue

```
plot_double_stacked_bar(proportional(amznBalanceSheet_simple))
```



Analyzing Apple

```
#AAPL forms
aapl_url2015<-'http://localhost:8000/aapl/2015/aapl-20140927.xml'
aapl_url2016<- 'http://localhost:8000/aapl/2016/aapl-20150926.xml'
old_o <- options(stringsAsFactors = FALSE)
aapl_2015 <- xbrlDoAll(aapl_url2015)
aapl_2016 <- xbrlDoAll(aapl_url2016)
options(old_o)
aapl2015 <- xbrl_get_statements(aapl_2015)
aapl2016 <- xbrl_get_statements(aapl_2016)
```

Company Balance Sheet Analysis

Apple 10K in 2015

```
> aapl2015
Financial statements repository
                                          From         To Rows Columns
StatementOfIncome                     2012-09-29 2014-09-27    3      15
StatementOfOtherComprehensiveIncome   2012-09-29 2014-09-27    3      14
StatementOfFinancialPositionClassified 2013-09-28 2014-09-27    2      33
StatementOfCashFlowsIndirect          2012-09-29 2014-09-27    3      33
```

Apple 10K in 2016

```
> aapl2016
Financial statements repository
                                          From         To Rows Columns
StatementOfIncome                     2013-09-28 2015-09-26    3      15
StatementOfOtherComprehensiveIncome   2013-09-28 2015-09-26    3      14
StatementOfFinancialPositionClassified 2014-09-27 2015-09-26    2      34
StatementOfCashFlowsIndirect          2013-09-28 2015-09-26    3      33
```

Merge the result!

```
aapl <- merge(aapl2015,aapl2016)
aaplBalanceSheet <- merge(aapl2015$StatementOfFinancialPositionClassified,aapl2016$StatementOfFinancialPositionClassified)
aaplCashFlow <- merge(aapl2015$StatementOfCashFlowsIndirect,aapl2016$StatementOfCashFlowsIndirect)
```

```
> aaplBalanceSheet
Financial statement: 3 observations from 2013-09-28 to 2015-09-26
 Element                                                  2015-09-26 2014-09-27 2013-09-28
 Assets =                                                   290479     231839     207000
 + AssetsCurrent =                                           89378      68531      73286
   + CashAndCashEquivalentsAtCarryingValue                   21120      13844      14259
   + AvailableForSaleSecuritiesCurrent                       20481      11233      26287
   + AccountsReceivableNetCurrent                            16849      17460      13102
   + InventoryNet                                             2349       2111       1764
   + DeferredTaxAssetsNetCurrent                                 0          0       3453
   + DeferredTaxAssetsLiabilitiesNetCurrent                   5546       4318          0
   + NontradeReceivablesCurrent                              13494       9759       7539
   + OtherAssetsCurrent                                       9539       9806       6882
 + AvailableForSaleSecuritiesNoncurrent                     164065     130162     106215
 + PropertyPlantAndEquipmentNet                              22471      20624      16597
 + Goodwill                                                   5116       4616       1577
 + IntangibleAssetsNetExcludingGoodwill                       3893       4142       4179
 + OtherAssetsNoncurrent                                      5556       3764       5146
 LiabilitiesAndStockholdersEquity =                         290479     231839     207000
 + Liabilities =                                            171124     120292      83451
   + LiabilitiesCurrent =                                    80610      63448      43658
     + AccountsPayableCurrent                                35490      30196      22367
     + AccruedLiabilitiesCurrent                             25181      18453      13856
     + DeferredRevenueCurrent                                 8940       8491       7435
     + CommercialPaper                                        8499       6308          0
     + LongTermDebtCurrent                                    2500          0          0
   + DeferredRevenueNoncurrent                                3624       3031       2625
   + LongTermDebt                                                0          0      16960
   + OtherLiabilitiesNoncurrent                              33427      24826      20208
   + LongTermDebtNoncurrent                                  53463      28987          0
 + CommitmentsAndContingencies                                   0          0          0
 + StockholdersEquity =                                     119355     111547     123549
   + CommonStocksIncludingAdditionalPaidInCapital            27416      23313      19764
   + RetainedEarningsAccumulatedDeficit                      92284      87152     104256
   + AccumulatedOtherComprehensiveIncomeLossNetOfTax          -345       1082       -471
```

Financial ratios!

It's the ratio of current assests / current liabilities.

```
aaplBalanceSheet %>% transmute(
date = endDate,
CurrentRatio = AssetsCurrent / LiabilitiesCurrent
)
```

```
        date CurrentRatio
1 2013-09-28     1.678639
2 2014-09-27     1.080113
3 2015-09-26     1.108771
```

Inference : Apple consistently had a ratio of 1.0 or greater which indicates that Apple possesed more assets than liablities, which is a good sign for company's growth.

Company Balance Sheet Analysis

Visualize Profit and Loss!

Consolidated Statement of Income.

This dataset highlights the gross profit and operating expenses at Apple.

```
aaplIncome <- expose( aapl$StatementOfIncome,
`Op Exp` = 'OperatingIncomeLoss',
`Non Ops Exp` = 'NonoperatingIncomeExpense'
)

print(aaplIncome, html = TRUE, big.mark = ",", dateFormat = "%Y")
```

	2015	2014	2013	2012
Net Income (Loss) Attributable to Parent	53,394	39,510	37,037	41,733
Op Exp	71,230	52,503	48,999	55,241
Non Ops Exp	1,285	980	1,156	522
OtherNetIncomeLoss_	-19,121	-13,973	-13,118	-14,030

Inference: Apple as a company is increasing the net income while also increasing gross expenditure

Company Balance Sheet Analysis

Visualizing Cash Flow!

This dataset highlights how the money is used in Amazon.

```
aaplCashflow_simple <- expose( aaplCashFlow,
`Ops Activities` = 'NetCashProvidedByUsedInOperatingActivitiesContinuingOperations',
`Investing` = 'NetCashProvidedByUsedInInvestingActivitiesContinuingOperations',
`Financing` = 'NetCashProvidedByUsedInFinancingActivitiesContinuingOperations'
)
print(aaplCashflow_simple, html = TRUE, big.mark = ",", dateFormat = "%Y")
```

	2015	2014	2013	2012
Cash and Cash Equivalents, Period Increase (Decrease)	7,276	-415	3,513	931
Ops Activities	-25,522	-19,307	-20,408	-32,610
Investing	-56,274	-22,579	-33,774	-48,227
Financing	-17,716	-37,549	-16,379	-1,698

Inference: Apple has reduced the amount spent in Ops which is a good thing, indicating that a lot of automation is happening inside the company to reduce this cost. Apple has varied it's amount of investing in other avenues. Apple also earns a tiny amount from a lot of it's patents as shown in the last column.

Company Balance Sheet Analysis

Visualizing Balance Sheet!

This dataset highlights core components of Balance sheet of Apple

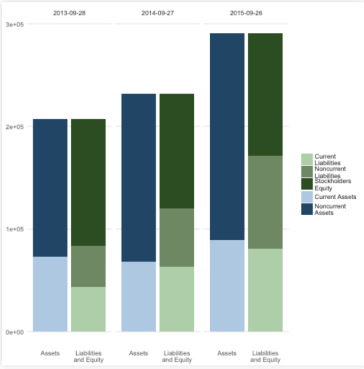
```
aaplBalanceSheet_simple<- expose( aaplBalanceSheet,
# Assets
`Current Assets` = "AssetsCurrent",
`Noncurrent Assets` = other("Assets"),
# Liabilites and equity
`Current Liabilities` = "LiabilitiesCurrent",
`Noncurrent Liabilities` = other(c("Liabilities", "CommitmentsAndContingencies")),
`Stockholders Equity` = "StockholdersEquity"
)

print(aaplBalanceSheet_simple, html = TRUE, big.mark = ",", dateFormat = "%Y")
```

	2015	2014	2013
Assets	290,479	231,839	207,000
Current Assets	89,378	68,531	73,286
Noncurrent Assets	201,101	163,308	133,714
Liabilities and Equity	290,479	231,839	207,000
Current Liabilities	80,610	63,448	43,658
Noncurrent Liabilities	90,514	56,844	39,793
Stockholders Equity	119,355	111,547	123,549

Company Balance Sheet Analysis

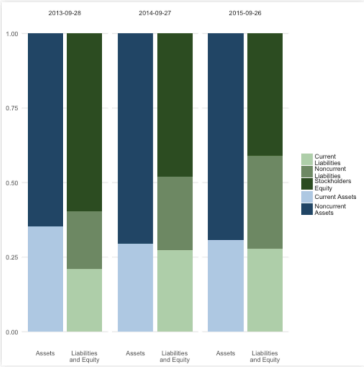
Visualizing in detail

```
plot_double_stacked_bar(aaplBalanceSheet_simple)
```



Visualizing --continue

```
plot_double_stacked_bar(proportional(aaplBalanceSheet_simple))
```



Analyzing Pepsi

```
#Pepsi forms
pep_url2015 <-'http://localhost:8000/pep/2015/pep-20141227.xml'
pep_url2016 <-'http://localhost:8000/pep/2016/pep-20151226.xml'
old_o <- options(stringsAsFactors = FALSE)
pep_2015 <- xbrlDoAll(pep_url2015)
pep_2016 <- xbrlDoAll(pep_url2016)
options(old_o)
pep2015 <- xbrl_get_statements(pep_2015)
pep2016 <- xbrl_get_statements(pep_2016)
```

Company Balance Sheet Analysis

Pepsi 10K in 2015

```
Element                                                   2014-12-27 2012-12-29
NetCashProvidedByUsedInInvestingActivities =                   -4937      -3005
- PaymentsToAcquireProductiveAssets                            2859       2714
+ ProceedsFromSaleOfProductiveAssets                            115         95
- pep_PaymentsForOtherInvestingActivities                         0        306
- PaymentsToAcquireBusinessesAndInterestInAffiliates            88        121
+ ProceedsFromDivestitureOfBusinesses                           203        -32
+ ProceedsFromSaleOfShortTermInvestments                      -6305          0
+ pep_PaymentsForProceedsfromShortTermInvestmentsMaturities    3891          0
- PaymentsForProceedsFromShortTermInvestments                  -116        -61
- PaymentsForProceedsFromOtherInvestingActivities                18        -12
NetCashProvidedByUsedInFinancingActivities =                   -8264      -3306
+ ProceedsFromIssuanceOfLongTermDebt                           3855       5999
- Repayments0FLongTermDebt                                     2189       2449
+ ProceedsFromShortTermDebtMaturingInMoreThanThreeMonths         50        549
- RepaymentsOfShortTermDebtMaturingInMoreThanThreeMonths         10        248
+ ProceedsfromRepaymentsOfShortTermDebtMat...                  -2837      -1762
- PaymentsOfDividends                                          3730       3385
- PaymentsforRepurchaseOfCommonStock                           5812       3219
- PaymentsforRepurchaseOfRedeemableConvertiblePreferredStock     10          7
+ ProceedsFromStockOptionsExercised                             755       1122
+ ExcessTaxBenefitFromShareBasedCompensati...                   114        124
- PaymentsToMinorityShareholders                                  0         68
+ ProceedsfromPaymentsforOtherFinancingActivities               -50        -42
NetCashProvidedByUsedInOperatingActivities =                  10506       8479
+ Profitloss                                                   6558       6214
+ DepreciationDepletionAndAmortization                         2625       2689
+ ShareBasedCompensation                                        297        278
+ BusinessCombinationIntegrationRelatedCosts                      0         16
+ PaymentsforMergerRelatedCosts                                   0         83
+ RestructuringCostsAndAssetImpairmentCharges                   418        279
+ PaymentsforRestructuring                                      266        343
+ pep_PaymentsforrestructuringandotherchargesrelatedtoTingyi      0       -176
+ pep_PaymentsforRestructuringAndOther                            0        189
+ pep_NoncashForeignExchangelossRelatedToV...                   105          0
+ ExcessTaxBenefitFromShareBasedCompensati...                   114        124
+ PensionAndOtherPostretirementBenefitExpense                   667        796
+ PensionAndOtherPostretirementBenefitContributions             655       1865
+ DeferredIncomeTaxesAndTaxCredits                              -19        321
+ IncreaseDecreaseInAccountsAndNotesReceivable                  343        250
+ IncreaseDecreaseInInventories                                 111       -144
+ IncreaseDecreaseInPrepaidDeferredExpenseAndOtherAssets       -80        -89
+ IncreaseDecreaseInAccountsPayableAndAccruedLiabilities       1162        548
+ IncreaseDecreaseInAccruedIncomeTaxesPayable                   371        -97
+ OtherOperatingActivitiesCashFlowStatement                    -269       -200
>
```

Pepsi 10K in 2016

```
> pepcashstatementfromfinancialstatementofcashflows
Financial statement: 3 observations from 2013-12-28 to 2015-12-26
 Element                                                  2015-12-26 2014-12-27 2013-12-28
 NetCashProvidedByUsedInInvestingActivities =                -35.69     -49.37     -26.25
  - PaymentsToAcquireProductiveAssets                         27.58      28.59      27.95
  + ProceedsFromSaleOfProductiveAssets                         0.86       1.15       1.09
  - PaymentsToAcquireBusinessesAndInterestInAffiliates         0.86       0.88       1.09
  - pep_ReductionofCashdueto Venezueladeconsolidation          5.68       0.00       0.00
  + ProceedsFromDivestitureOfBusinesses                        0.76       2.03       1.30
  + ProceedsFromSaleOfShortTermInvestments                   -44.28     -63.05       0.00
  + pep_PaymentsforProceedsfromShortTermInvestmentsMaturities  41.11      38.91       0.00
  - PaymentsForProceedsFromShortTermInvestments                -0.03      -1.16      -0.61
  - PaymentsForProceedsFromOtherInvestingActivities            0.05       0.10       0.21
  - pep_PaymentsforOtherInvestingActivities                    0.00       0.00       0.00
 NetCashProvidedByUsedInFinancingActivities =                -38.28     -82.64     -37.09
  + ProceedsFromIssuanceOfLongTermDebt                        87.02      38.55      41.95
  - Repayments0FLongTermDebt                                  40.95      21.89      38.94
  + ProceedsFromShortTermDebtMaturingInMoreThanThreeMonths     0.15       0.50       0.23
  - RepaymentsOfShortTermDebtMaturingInMoreThanThreeMonths     0.43       0.10       4.92
  + ProceedsfromRepaymentsOfShortTermDebtMat...                0.53      -20.37      16.34
  - PaymentsOfDividends                                       40.40      37.30      34.34
  - PaymentsforRepurchaseOfCommonStock                        50.00      50.12      30.01
  - PaymentsforRepurchaseOfRedeemableConvertiblePreferredStock  0.05       0.10       0.07
  + ProceedsFromStockOptionsexercised                          5.04       7.55      11.23
  + ExcessTaxBenefitFromShareBasedCompensati                   1.39       1.14       1.12
```

Merge the result!

```
pepCashFlow <- merge(pep2015$ConsolidatedStatementOfCashFlows,pep2016$ConsolidatedStatementOfCashFlows)
pepIncomeStatement <- merge(pep2015$ConsolidatedStatementOfIncome,pep2016$ConsolidatedStatementOfIncome)
```

Element	2015-12-26	2014-12-27	2013-12-28	2012-12-29
NetCashProvidedByUsedInInvestingActivities =	-35.69	-49.37	-26.25	-30.05
- PaymentsToAcquireProductiveAssets	27.58	28.59	27.95	27.14
+ ProceedsFromSaleOfProductiveAssets	0.86	1.15	1.09	0.95
- pep_PaymentsForOtherInvestingActivities	0.00	0.00	0.00	3.06
- PaymentsToAcquireBusinessesAndInterestInAffiliates	0.86	0.88	1.09	1.21
- pep_ReductionOfcashdueto0Venezueladeconsolidation	5.68	0.00	0.00	0.00
+ ProceedsFromDivestitureOfBusinesses	0.76	2.03	1.30	-0.32
+ ProceedsFromSaleOfShortTermInvestments	-44.28	-63.05	0.00	0.00
+ pep_PaymentsforProceedsfromShortTermInvestmentsMaturities	41.11	38.91	0.00	0.00
- PaymentsForProceedsFromShortTermInvestments	-0.03	-1.16	-0.61	-0.61
- PaymentsForProceedsFromOtherInvestingActivities	0.05	0.10	0.21	-0.12
NetCashProvidedByUsedInFinancingActivities =	-38.28	-82.64	-37.89	-33.06
+ ProceedsFromIssuanceOfLongTermDebt	87.02	38.55	41.95	59.99
- RepaymentsOfLongTermDebt	40.95	21.89	38.94	24.49
+ ProceedsFromShortTermDebtMaturingIn4MoreThanThreeMonths	0.15	0.50	0.23	5.49
- RepaymentsOfShortTermDebtMaturingIn4MoreThanThreeMonths	0.43	0.10	4.92	2.48
+ ProceedsFromRepaymentsOfShortTermDebtMat...	0.53	-20.37	16.34	-17.62
- PaymentsOfDividends	40.40	37.30	34.34	33.05
- PaymentsForRepurchaseOfCommonStock	50.00	50.12	30.01	32.19
- PaymentsForRepurchaseOfRedeemableConvertiblePreferredStock	0.05	0.10	0.07	0.07
+ ProceedsFromStockOptionsExercised	5.04	7.55	11.23	11.22
+ ExcessTaxBenefitFromShareBasedCompensati...	1.33	1.14	1.17	1.24
- PaymentsToMinorityShareholders	0.00	0.00	0.20	0.68
+ ProceedsFromPaymentsForOtherFinancingActivities	-0.52	-0.50	-0.33	-0.42
NetCashProvidedByUsedInOperatingActivities =	105.80	105.06	96.88	84.79
+ Profitloss	55.01	65.58	67.87	62.14
+ DepreciationDepletionAndAmortization	24.16	26.25	26.63	26.89
+ ShareBasedCompensation	2.95	2.97	3.03	2.78
+ BusinessCombinationIntegrationRelatedCosts	0.00	0.00	0.10	0.16
+ PaymentsForMergerRelatedCosts	0.00	0.00	0.25	0.83
+ RestructuringCostsAndAssetImpairmentCharges	2.30	4.18	1.63	2.79
+ PaymentsForRestructuring	2.08	2.66	1.33	3.43
+ pep_PaymentsforrestructuringandotherchargesrelatedtoTingyi	0.00	0.00	0.00	-1.76
+ pep_TingyiCharge	0.73	0.00	0.00	0.00
+ pep_PaymentsForRestructuringAndOther	0.00	0.00	0.26	1.09
+ pep_NoncashForeignExchangeLossRelatedToV...	0.00	1.05	1.11	0.00
+ pep_Venezualaimpairmentcharges	13.59	0.00	0.00	0.00
+ ExcessTaxBenefitFromShareBasedCompensati...	1.33	1.14	1.17	1.24
+ PensionAndOtherPostretirementBenefitExpense	4.67	6.67	6.63	7.96
+ PensionAndOtherPostretirementBenefitContributions	2.85	6.55	2.62	18.65
+ DeferredIncomeTaxesAndTaxCredits	0.78	-0.19	-10.58	3.21
+ IncreaseDecreaseInAccountsAndNotesReceivable	4.61	3.43	0.88	2.50
+ IncreaseDecreaseInInventories	2.44	1.11	-0.04	-1.44
+ IncreaseDecreaseInPrepaidDeferredExpenseAndOtherAssets	0.50	-0.80	0.51	-0.89

Company Balance Sheet Analysis

Visualize Profit and Loss!

Consolidated Statement of Income.

This dataset highlights the gross income loss and operating expenses at Pepsi

```
pepIncomeStatement_simple <- expose( pepIncomeStatement,
`Op Exp` = 'OperatingIncomeLoss',
`Non Ops Exp` = 'pep_InterestIncomeAndOther'
)

print(pepIncomeStatement_simple, html = TRUE, big.mark = ",", dateFormat = "%Y")
```

	2015	2014	2013
Income (Loss) from Continuing Operations before Income Taxes, Extraordinary Items, Noncontrolling Interest	7.442	8.757	8.891
Op Exp	8.353	9.581	9.705
Non Ops Exp	0.059	0.085	0.097
OtherIncomeLossFromContinuingOperationsBeforeIncomeTaxesExtraordinaryItemsNoncontrollingInterest_	-0.970	-0.909	-0.911
Net Income (Loss) Attributable to Parent	5.452	6.513	6.740
OtherNetIncomeLoss_	5.452	6.513	6.740

Inference: Pepsi as a company is making losses

Maintain integrity always, else face losses!

There's an interesting data point which is observed in the statements of Pepsi, which is $pep_Venezuelaimpairmentcharges.

Pepsi had to suffered huge losses due to this allegation.

```
pepIncomeStatement$pep_Venezuelaimpairmentcharges
```

```
[1] 0.000e+00 0.000e+00 0.000e+00 1.359e+09
```

Company Balance Sheet Analysis

Visualizing Cash Flow!

This dataset highlights how the money is used in Pepsi.

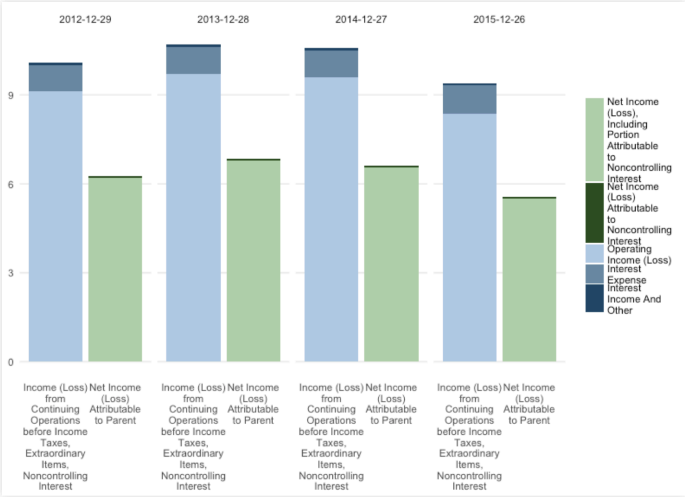
```
pepCashflow_simple <- expose( pepCashFlow)
print(pepCashflow_simple, html = TRUE, big.mark = ",", dateFormat = "%Y")
```

	2015	2014	2013	2012
Net Cash Provided by (Used in) Investing Activities	-35.69	-49.37	-26.25	-30.05
Net Cash Provided by (Used in) Financing Activities	-38.28	-82.64	-37.89	-33.06
Net Cash Provided by (Used in) Operating Activities	105.80	105.06	96.88	84.79

Inference: Pepsi has not been able to minimise it's expenditure on Ops Activities. Perhaps if Pepsi focus on reducing this, it can generate more profits.

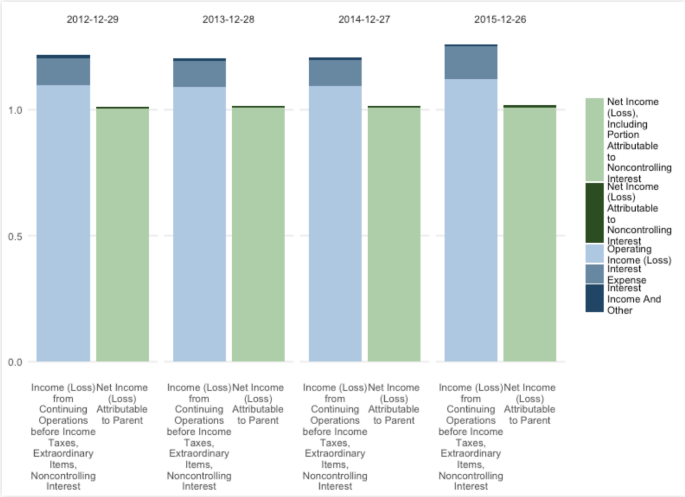
Company Balance Sheet Analysis

Visualizing in detail



Company Balance Sheet Analysis

Visualizing --continue



Analyzing Netflix

```
#NFLX forms
nflx_url2015<-'http://localhost:8000/nflx/2015/nflx-20131231.xml'
nflx_url2016<- 'http://localhost:8000/nflx/2016/nflx-20141231.xml'
old_o <- options(stringsAsFactors = FALSE)
nflx_2015 <- xbrlDoAll(nflx_url2015)
nflx_2016 <- xbrlDoAll(nflx_url2016)
options(old_o)
nflx2015 <- xbrl_get_statements(nflx_2015)
nflx2016 <- xbrl_get_statements(nflx_2016)
```

Company Balance Sheet Analysis

Netflix 10K in 2015

```
> nflx2015$ConsolidatedBalanceSheets
Financial statement: 2 observations from 2012-12-31 to 2013-12-31
 Element                                          2013-12-31 2012-12-31
 Assets =                                         54125.63   39678.90
 + AssetsCurrent =                                30587.63   22407.91
   + CashAndCashEquivalentsAtCarryingValue         6049.65    2902.91
   + AvailableForSaleSecuritiesCurrent             5954.40    4577.87
   + nflx_ContentLibraryNetCurrent                 17064.21   13681.62
   + OtherAssetsCurrent                             1519.37    1245.51
 + nflx_ContentLibraryNetNoncurrent                20910.71   15060.08
 + PropertyPlantAndEquipmentNet                     1336.05    1316.81
 + OtherAssetsNoncurrent                            1291.24     894.10
 LiabilitiesAndStockholdersEquity =                54125.63   39678.90
 + Liabilities =                                   40790.02   32232.17
   + LiabilitiesCurrent =                          21542.03   16759.26
     + AccruedLiabilitiesCurrent                    540.18     531.39
     + DeferredRevenueCurrent                      2157.67    1694.72
     + nflx_ContentLiabilitiesCurrent              17759.83   13668.47
     + AccountsPayableCurrent                       1084.35     864.68
   + LongTermDebtNoncurrent                         5000.00    2000.00
   + DueToRelatedPartiesNoncurrent                     0.00    2000.00
   + nflx_ContentLiabilitiesNoncurrent             13455.90   10766.22
   + OtherLiabilitiesNoncurrent                      792.09     706.69
 + CommitmentsAndContingencies                          0.00       0.00
 + StockholdersEquity =                            13335.61    7446.73
   + PreferredStockValue                                0.00       0.00
   + CommonStockValue                                   0.60       0.56
   + RetainedEarningsAccumulatedDeficit              5524.85    4400.82
   + AdditionalPaidInCapitalCommonStock              7774.41    3016.16
   + AccumulatedOtherComprehensiveIncomeLossNetOfTax   35.75      29.19
```

Netflix 10K in 2016

```
> nflx2016$ConsolidatedBalanceSheets
Financial statement: 2 observations from 2013-12-31 to 2014-12-31
 Element                                          2014-12-31 2013-12-31
 Assets =                                         7056651    5412563
 + AssetsCurrent =                                3940469    3058763
   + CashAndCashEquivalentsAtCarryingValue        1113608     604965
   + AvailableForSaleSecuritiesCurrent             494888     595440
   + nflx_ContentLibraryNetCurrent                2125702    1706421
   + OtherAssetsCurrent                            206271     151937
 + nflx_ContentLibraryNetNoncurrent               2773326    2091071
 + PropertyPlantAndEquipmentNet                    149875     133605
 + OtherAssetsNoncurrent                           192981     129124
 LiabilitiesAndStockholdersEquity =               7056651    5412563
 + Liabilities =                                  5198943    4079002
   + LiabilitiesCurrent =                         2663154    2154203
     + AccruedLiabilitiesCurrent                   69746      54018
```

Company Balance Sheet Analysis

Merge the result!

```
nflx <- merge(nflx2015,nflx2016)
nflxSOP <- merge(nflx2015$ConsolidatedStatementsOfOperations,nflx2016$ConsolidatedStatementsOfOperations)
nflxBalanceSheet<- merge(nflx2015$ConsolidatedBalanceSheets,nflx2016$ConsolidatedBalanceSheets)
nflxCashflow <- merge(nflx2015$ConsolidatedStatementsOfCashFlows,nflx2016$ConsolidatedStatementsOfCashFlows)
```

```
> nflx$ConsolidatedBalanceSheets
Financial statement: 3 observations from 2012-12-31 to 2014-12-31
 Element                                          2014-12-31 2013-12-31 2012-12-31
 Assets =                                         70566.51   54125.63   39678.90
 + AssetsCurrent =                                39404.69   30587.63   22407.91
   + CashAndCashEquivalentsAtCarryingValue        11136.08    6049.65    2902.91
   + AvailableForSaleSecuritiesCurrent             4948.88    5954.40    4577.87
   + nflx_ContentLibraryNetCurrent                21257.02   17064.21   13681.62
   + OtherAssetsCurrent                            2062.71    1519.37    1245.51
 + nflx_ContentLibraryNetNoncurrent               27733.26   20910.71   15060.08
 + PropertyPlantAndEquipmentNet                    1498.75    1336.05    1316.81
 + OtherAssetsNoncurrent                           1929.81    1291.24     894.10
 LiabilitiesAndStockholdersEquity =               70566.51   54125.63   39678.90
 + Liabilities =                                  51989.43   40790.02   32232.17
   + LiabilitiesCurrent =                         26631.54   21542.03   16759.26
     + AccruedLiabilitiesCurrent                    697.46     540.18     531.39
     + DeferredRevenueCurrent                      2745.86    2157.67    1694.72
     + nflx_ContentLiabilitiesCurrent             21172.41   17759.83   13668.47
     + AccountsPayableCurrent                      2015.81    1084.35     864.68
   + LongTermDebtNoncurrent                        9000.00    5000.00    2000.00
   + DueToRelatedPartiesNoncurrent                    0.00       0.00    2000.00
   + nflx_ContentLiabilitiesNoncurrent            15758.32   13455.90   10766.22
   + OtherLiabilitiesNoncurrent                     599.57     792.09     706.69
 + CommitmentsAndContingencies                        0.00       0.00       0.00
 + StockholdersEquity =                           18577.08   13335.61    7446.73
   + PreferredStockValue                              0.00       0.00       0.00
   + CommonStockValue                                 0.60       0.60       0.56
   + RetainedEarningsAccumulatedDeficit            8192.84    5524.85    4400.82
   + AdditionalPaidInCapitalCommonStock           10428.10    7774.41    3016.16
   + AccumulatedOtherComprehensiveIncomeLossNetOfTax   -44.46      35.75      29.19
>
```

Financial ratios!

It's the ratio of current assests / current liabilities.

```
nflxBalanceSheet %>% transmute(
  date = endDate,
  CurrentRatio = AssetsCurrent / LiabilitiesCurrent
)
```

```
        date CurrentRatio
1 2012-12-31     1.337047
2 2013-12-31     1.419905
3 2014-12-31     1.479625
```

Inference : Netflix consistently had a ratio of 1.0 or greater which indicates that Netflix possesed more assets than liablities, which is a good sign for company's growth.

Company Balance Sheet Analysis

Visualize Revenue and Expenditure!

Consolidated Statement of Operations. This dataset highlights the Revenue earned by Netflix v/s amount spent in activities like `marketing`, `admnistration expense` and other `ops costs`.

```
nflxSOP_simple <- expose( nflxSOP,
`Revenue` = 'Revenues',
`Expenditure` = 'NonoperatingIncomeExpense'
)

print(nflxSOP_simple, html = TRUE, big.mark = ",", dateFormat = "%Y")
```

	2014	2013	2012	2011
Net Income (Loss) Attributable to Parent	2,667.99	1,124.03	171.52	2,261.26
Revenue	55,046.56	43,745.62	36,092.82	32,045.77
Expenditure	-30.60	-30.02	4.74	34.79
OtherNetIncomeLoss_	-52,347.97	-42,591.57	-35,926.04	-29,819.30

`Inference: Netflix as a company is increasing it's revenue every year, and the highlight is that expenditure hasn't increased significantly.Netflix being purely an internet company, has the advantage of controlling the expenditure while growing to lot of users and thus generating more revenue.`

Company Balance Sheet Analysis

Visualizing Cash Flow!

This dataset highlights how the money is used in Netflix.

```
nflxCashflow_simple <- expose( nflxCashflow,
`Ops Activities` = 'NetCashProvidedByUsedInOperatingActivities',
`Investing` = 'NetCashProvidedByUsedInInvestingActivities',
`Financing` = 'NetCashProvidedByUsedInFinancingActivities'
)
print(nflxCashflow_simple, html = TRUE, big.mark = ",", dateFormat = "%Y")
```

	2014	2013	2012	2011
Cash and Cash Equivalents, Period Increase (Decrease)	5,086.43	3,146.74	-2,177.62	3,135.54
Ops Activities	-5,171.15	-1,269.75	-127.18	-1,345.40
Investing	-428.66	-2,559.68	-2,447.40	-2,658.14
Financing	5,417.12	4,762.64	55.89	2,616.56
OtherCashAndCashEquivalentsPeriodIncreaseDecrease_	-66.86	-34.53	-1.97	0.00

Inference: Netflix spends most of the money in Day to day operational activities, but invests some money in acquiring content library, additions to streaming content and payment of equipments like servers.

Company Balance Sheet Analysis

Visualizing Balance Sheet!

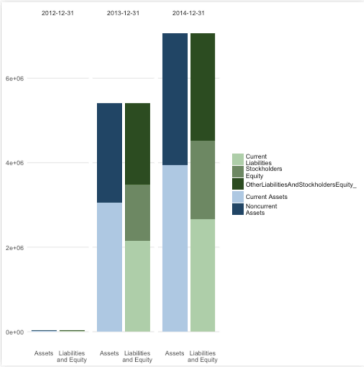
This dataset highlights core components of Balance sheet of Netflix

```
nflxBalanceSheet_simple<- expose( nflxBalanceSheet,
# Assets
`Current Assets` = "AssetsCurrent",
`Noncurrent Assets` = other("Assets"),
# Liabilites and equity
`Current Liabilities` = "LiabilitiesCurrent",
`Stockholders Equity` = "StockholdersEquity"
)
print(nflxBalanceSheet_simple, html = TRUE, big.mark = ",", dateFormat = "%Y")
```

	2014	2013	2012
Assets	**70,566.51**	**54,125.63**	**39,678.90**
Current Assets	39,404.69	30,587.63	22,407.91
Noncurrent Assets	31,161.82	23,538.00	17,270.99
Liabilities and Equity	**70,566.51**	**54,125.63**	**39,678.90**
Current Liabilities	26,631.54	21,542.03	16,759.26
Stockholders Equity	18,577.08	13,335.61	7,446.73
OtherLiabilitiesAndStockholdersEquity_	25,357.89	19,247.99	15,472.91

Visualizing in detail

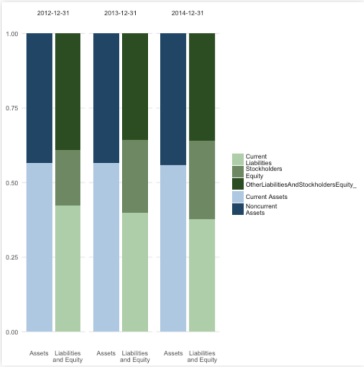
```
plot_double_stacked_bar(nflxBalanceSheet_simple)
```



Company Balance Sheet Analysis

Visualizing --continue

```
plot_double_stacked_bar(proportional(nflxBalanceSheet_simple))
```



Analyzing Walmart

```
#WMT forms
wmt_url2015<-'http://localhost:8000/wmt/2015/wmt-20140131.xml'
wmt_url2016<- 'http://localhost:8000/wmt/2016/wmt-20150131.xml'
old_o <- options(stringsAsFactors = FALSE)
wmt_2015 <- xbrlDoAll(wmt_url2015)
wmt_2016 <- xbrlDoAll(wmt_url2016)
options(old_o)
wmt2015 <- xbrl_get_statements(wmt_2015)
wmt2016 <- xbrl_get_statements(wmt_2016)
```

Company Balance Sheet Analysis

Walmart 10K in 2015

```
> wmt2015$ConsolidatedBalanceSheetsAudited
Financial statement: 2 observations from 2013-01-31 to 2014-01-31
 Element                                                    2014-01-31 2013-01-31
 Assets =                                                     204751     203105
 + AssetsCurrent =                                             61185      59940
   + CashAndCashEquivalentsAtCarryingValue                      7281       7781
   + ReceivablesNetCurrent                                      6677       6768
   + InventoryNet                                              44858      43803
   + PrepaidExpenseAndOtherAssetsCurrent                        1909       1551
   + AssetsOfDisposalGroupIncludingDiscontinuedOperationCurrent  460         37
 + PropertyPlantAndEquipmentNet =                              115364     113929
   + PropertyPlantAndEquipmentGross                            173089     165825
   - AccumulatedDepreciationDepletionAndAmort...                57725      51896
 + CapitalleasesBalanceSheetAssetsByMajorClassNet =              2543       2752
   + CapitalleasedAssetsGross                                    5589       5899
   - CapitalleasesLesseeBalanceSheetAssetsByM...                 3046       3147
 + Goodwill                                                     19510      20497
 + OtherAssetsNoncurrent                                         6149       5987
 LiabilitiesAndStockholdersEquity =                            204751     203105
 + LiabilitiesCurrent =                                         69345      71818
   + ShortTermBorrowings                                         7670       6805
   + AccountsPayableCurrent                                     37415      38080
   + AccruedLiabilitiesCurrent                                  18793      18808
   + AccruedIncomeTaxesCurrent                                    966       2211
   + LongTermDebtCurrent                                         4103       5587
   + CapitalleaseObligationsCurrent                               309        327
   + LiabilitiesOfDisposalGroupIncludingDisco...                   89          0
 + LongTermDebtNoncurrent                                       41771      38394
 + CapitalleaseObligationsNoncurrent                             2788       3023
 + DeferredIncomeTaxesAndOtherLiabilitiesNoncurrent              8017       7613
 + RedeemableNoncontrollingInterestEquityCarryingAmount          1491        519
 + CommitmentsAndContingencies                                      0          0
 + StockholdersEquityIncludingPortionAttrib... =                81339      81738
   + StockholdersEquity =                                       76255      76343
     + CommonStockValue                                           323        332
     + AdditionalPaidInCapital                                   2362       3620
     + RetainedEarningsAccumulatedDeficit                       76566      72978
     + AccumulatedOtherComprehensiveIncomeLossNetOfTax          -2996       -587
   + MinorityInterest                                            5084       5395
```

Walmart 10K in 2016

```
> wmt2016$ConsolidatedBalanceSheets
Financial statement: 2 observations from 2014-01-31 to 2015-01-31
 Element                                                    2015-01-31 2014-01-31
 Assets =                                                     203706     204751
 + AssetsCurrent =                                             63278      61185
   + CashAndCashEquivalentsAtCarryingValue                      9135       7281
   + ReceivablesNetCurrent                                      6778       6677
   + InventoryNet                                              45141      44858
   + PrepaidExpenseAndOtherAssetsCurrent                        2224       1909
   + AssetsOfDisposalGroupIncludingDiscontinuedOperationCurrent    0        460
 + PropertyPlantAndEquipmentNet =                              114280     115364
   + PropertyPlantAndEquipmentGross                            177395     173089
   - AccumulatedDepreciationDepletionAndAmort...                63115      57725
 + CapitalleasesBalanceSheetAssetsByMajorClassNet =              2375       2543
   + CapitalleasedAssetsGross                                    5239       5589
   - CapitalleasesLesseeBalanceSheetAssetsByM...                 2864       3046
 + Goodwill                                                     18102      19510
 + OtherAssetsNoncurrent                                         5671       6149
 LiabilitiesAndStockholdersEquity =                            203706     204751
 + LiabilitiesCurrent =                                         65272      69345
   + ShortTermBorrowings                                         1592       7670
```

Merge the result!

```
wmtCashFlow <- merge(wmt2015$ConsolidatedStatementsOfCashFlowsAudited, wmt2016$ConsolidatedStatementsOfCashFlows)
wmtIncomeStatement <- merge(wmt2015$ConsolidatedStatementsOfIncomeAudited,wmt2016$ConsolidatedStatementsOfIncome)
wmtBalanceSheet <- merge(wmt2015$ConsolidatedBalanceSheetsAudited,wmt2016$ConsolidatedBalanceSheets)
```

```
> wmtBalanceSheet
Financial statement: 3 observations from 2013-01-31 to 2015-01-31
 Element                                                          2015-01-31 2014-01-31 2013-01-31
 Assets =                                                           203706     204751     203105
 + AssetsCurrent =                                                   63278      61185      59940
   + CashAndCashEquivalentsAtCarryingValue                            9135       7281       7781
   + ReceivablesNetCurrent                                            6778       6677       6768
   + InventoryNet                                                    45141      44858      43803
   + PrepaidExpenseAndOtherAssetsCurrent                              2224       1989       1551
   + AssetsOfDisposalGroupIncludingDiscontinuedOperationCurrent          0        460         37
 + PropertyPlantAndEquipmentNet =                                    114280     115364     113929
   + PropertyPlantAndEquipmentGross                                  177395     173089     165825
   - AccumulatedDepreciationDepletionAndAmort...                      63115      57725      51896
 + CapitalleasesBalanceSheetAssetsByMajorClassNet =                    2375       2543       2752
   + CapitalleasedAssetsGross                                          5239       5589       5899
   - CapitalleasesLesseeBalanceSheetAssetsByM...                       2864       3046       3147
 + Goodwill                                                           18102      19510      20497
 + OtherAssetsNoncurrent                                               5671       6149       5987
 LiabilitiesAndStockholdersEquity =                                  203706     204751     203105
 + LiabilitiesCurrent =                                               65272      69345      71818
   + ShortTermBorrowings                                               1592       7670       6805
   + AccountsPayableCurrent                                           38410      37415      38080
   + AccruedLiabilitiesCurrent                                        19152      18793      18808
   + AccruedIncomeTaxesCurrent                                         1821        966       2211
   + LongTermDebtCurrent                                               4810       4103       5587
   + CapitalleaseObligationsCurrent                                     287        309        327
   + LiabilitiesOfDisposalGroupIncludingDisco...                          0         89          0
 + LongTermDebtNoncurrent                                             41886      41771      38394
 + CapitalleaseObligationsNoncurrent                                   2606       2788       3023
 + DeferredIncomeTaxesAndOtherLiabilitiesNoncurrent                    8805       8017       7613
 + RedeemableNoncontrollingInterestEquityCarryingAmount                   0       1491        519
 + CommitmentsAndContingencies                                            0          0          0
 + StockholdersEquityIncludingPortionAttrib... =                      85937      81339      81738
   + StockholdersEquity =                                             81394      76255      76343
     + CommonStockValue                                                 323        323        332
     + AdditionalPaidInCapital                                         2462       2362       3620
     + RetainedEarningsAccumulatedDeficit                             85777      76566      72978
     + AccumulatedOtherComprehensiveIncomeLossNetOfTax                -7168      -2996       -587
   + MinorityInterest                                                  4543       5084       5395
>
```

Financial ratios!

It's the ratio of current assests / current liabilities.

```
wmtBalanceSheet %>% transmute(
  date = endDate,
  CurrentRatio = AssetsCurrent / LiabilitiesCurrent
)
```

```
        date CurrentRatio
1 2013-01-31    0.8346097
2 2014-01-31    0.8823275
3 2015-01-31    0.9694509
```

Inference : Walmart consistently had a ratio of less than 1.0 which indicates that Walmart possesed more liablities than assets, which is not a good sign for company's growth. But given Walmart, which is the largest employer in the world, this case is an exception as it even makes it to Rank 1 of Fortune500 list of companies.

Company Balance Sheet Analysis

Visualizing Cash Flow!

This dataset highlights how the money is used in Walmart.

```
wmtCashflow_simple <- expose( wmtCashFlow,
`Ops Activities` = 'NetCashProvidedByUsedInOperatingActivities',
`Investing` = 'NetCashProvidedByUsedInInvestingActivities',
`Financing` = 'NetCashProvidedByUsedInFinancingActivities'
)
print(wmtCashflow_simple, html = TRUE, big.mark = ",", dateFormat = "%Y")
```

	2015	2014	2013	2012
Cash and Cash Equivalents, Period Increase (Decrease)	1.854	-0.500	1.231	-0.845
Ops Activities	-5.064	-9.845	-9.817	-8.561
Investing	-11.125	-12.298	-12.611	-16.609
Financing	-15.071	-11.017	-11.972	-8.458
OtherCashAndCashEquivalentsPeriodIncreaseDecrease_	-0.514	-0.442	0.223	-0.033

Inference: Walmart spends most of the money in finance activities, mainly because it's a high performant stock in the Wall Street and so there are regular payments of dividends by Walmart. Walmart has managed to keep it's Ops expenditure to a minimum which is a good thing, indicating automating is slowly coming into picture to reduce costs.

Company Balance Sheet Analysis

Visualizing Balance Sheet!

This dataset highlights core components of Balance sheet of Walmart.

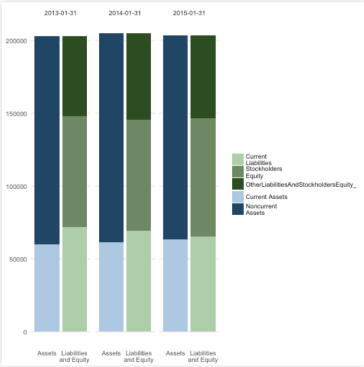
```
wmtBalanceSheet_simple<- expose( wmtBalanceSheet,
# Assets
`Current Assets` = "AssetsCurrent",
`Noncurrent Assets` = other("Assets"),
# Liabilites and equity
`Current Liabilities` = "LiabilitiesCurrent",
`Stockholders Equity` = "StockholdersEquity"
)
print(wmtBalanceSheet_simple, html = TRUE, big.mark = ",", dateFormat = "%Y")
```

	2015	2014	2013
Assets	**203,706**	**204,751**	**203,105**
Current Assets	63,278	61,185	59,940
Noncurrent Assets	140,428	143,566	143,165
Liabilities and Equity	**203,706**	**204,751**	**203,105**
Current Liabilities	65,272	69,345	71,818
Stockholders Equity	81,394	76,255	76,343
OtherLiabilitiesAndStockholdersEquity_	57,040	59,151	54,944

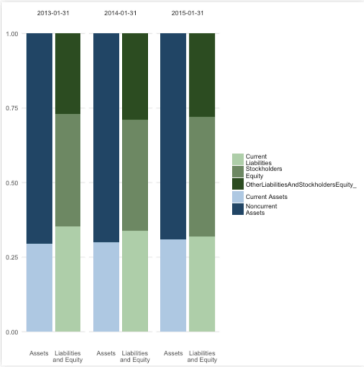
Company Balance Sheet Analysis

Visualizing in detail

```
plot_double_stacked_bar(wmtBalanceSheet_simple)
```



Company Balance Sheet Analysis

Visualizing --continue

```
plot_double_stacked_bar(proportional(wmtBalanceSheet_simple))
```