

Financial Statement Analysis - Test

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```
#load libraries
```

```
library(finreportr)
library(quantmod)
```

```
## Loading required package: xts
```

```
## Loading required package: zoo
```

```
##
```

```
## Attaching package: 'zoo'
```

```
## The following objects are masked from 'package:base':
```

```
##
```

```
##      as.Date, as.Date.numeric
```

```
## Loading required package: TTR
```

```
## Registered S3 method overwritten by 'quantmod':
```

```
##      method      from
```

```
##      as.zoo.data.frame zoo
```

```
## Version 0.4-0 included new data defaults. See ?getSymbols.
```

```
library(tidyverse)
```

```
## -- Attaching packages -----
```

```
## v ggplot2 3.3.0      v purrr  0.3.4
```

```
## v tibble  3.0.1      v dplyr  0.8.5
```

```
## v tidyr   1.0.2      v stringr 1.4.0
```

```
## v readr   1.3.1      v forcats 0.5.0
```

```
## -- Conflicts -----
```

```
## x dplyr::filter() masks stats::filter()
```

```
## x dplyr::first()  masks xts::first()
```

```
## x dplyr::lag()    masks stats::lag()
```

```
## x dplyr::last()   masks xts::last()
```

```
# pull SEC data
```

```
LUV_Filings <- AnnualReports('LUV')
```

```
head(LUV_Filings)
```

```
##      filing.name filing.date      accession.no
```

```
## 1      10-K      2020-02-04 0000092380-20-000024
```

```
## 2      10-K      2019-02-05 0000092380-19-000022
```

```
## 3      10-K      2018-02-07 0000092380-18-000031
```

```
## 4      10-K      2017-02-07 0000092380-17-000029
```

```
## 5      10-K  2016-02-03  0000092380-16-000175
## 6      10-K/A  2015-02-11  0000092380-15-000030
```

```
LUV_BS <- GetBalanceSheet('LUV', 2018)
LUV_IS <- GetIncome('LUV', 2018)
LUV_CF <- GetCashFlow('LUV', 2018)
```

```
head(LUV_BS)
```

```
##
##              Metric Units      Amount startDate
## 1 Cash and Cash Equivalents, at Carrying Value  usd 1282000000      <NA>
## 2 Cash and Cash Equivalents, at Carrying Value  usd 1583000000      <NA>
## 3 Cash and Cash Equivalents, at Carrying Value  usd 1680000000      <NA>
## 4 Cash and Cash Equivalents, at Carrying Value  usd 1495000000      <NA>
## 5              Short-term Investments  usd 1625000000      <NA>
## 6              Short-term Investments  usd 1778000000      <NA>
##      endDate
## 1 2014-12-31
## 2 2015-12-31
## 3 2016-12-31
## 4 2017-12-31
## 5 2016-12-31
## 6 2017-12-31
```

```
head(LUV_IS)
```

```
##
##              Metric Units      Amount startDate  endDate
## 1      Passenger Revenue  usd 18299000000 2015-01-01 2015-12-31
## 2      Passenger Revenue  usd 18594000000 2016-01-01 2016-12-31
## 3      Passenger Revenue  usd 19141000000 2017-01-01 2017-12-31
## 4 Cargo and Freight Revenue  usd  179000000 2015-01-01 2015-12-31
## 5 Cargo and Freight Revenue  usd  171000000 2016-01-01 2016-12-31
## 6 Cargo and Freight Revenue  usd  173000000 2017-01-01 2017-12-31
```

```
head(LUV_CF)
```

```
##
##              Metric Units      Amount startDate
## 1 Net Income (Loss) Attributable to Parent  usd 2181000000 2015-01-01
## 2 Net Income (Loss) Attributable to Parent  usd  513000000 2016-01-01
## 3 Net Income (Loss) Attributable to Parent  usd  820000000 2016-04-01
## 4 Net Income (Loss) Attributable to Parent  usd  388000000 2016-07-01
## 5 Net Income (Loss) Attributable to Parent  usd  522000000 2016-10-01
## 6 Net Income (Loss) Attributable to Parent  usd 2244000000 2016-01-01
##      endDate
## 1 2015-12-31
## 2 2016-03-31
## 3 2016-06-30
## 4 2016-09-30
## 5 2016-12-31
## 6 2016-12-31
```