

Facebook, Amazon, Netflix, Google

```
FANG_time ← FANG %>%  
  group_by(symbol) %>%  
  as_tbl_time(date)
```

```
slice(FANG_time, 1:2)
```

```
# A time tibble: 8 x 3  
# Index: date  
# Groups: symbol [4]  
  symbol    date    adjusted  
  <chr>    <date>    <dbl>  
1 AMZN    2013-01-02    257  
2 AMZN    2013-01-03    258  
3 FB      2013-01-02    28.0  
4 FB      2013-01-03    27.8  
5 GOOG    2013-01-02    361  
6 GOOG    2013-01-03    361  
7 NFLX    2013-01-02    13.1  
8 NFLX    2013-01-03    13.8
```

Calculate returns

```
FANG_return ← FANG_time %>%
```

```
  calculate_return(adjusted, period = "daily") %>%
```

```
# A time tibble: 4,032 x 6
```

```
# Index: date
```

```
# Groups: symbol [4]
```

	symbol	date	adjusted	adjusted_return
	<chr>	<date>	<dbl>	<dbl>
1	FB	2013-01-02	28.0	0
2	FB	2013-01-03	27.8	-0.00821
3	FB	2013-01-04	28.8	0.0356
4	FB	2013-01-07	29.4	0.0229
5	FB	2013-01-08	29.1	-0.0122
6	FB	2013-01-09	30.6	0.0526
7	FB	2013-01-10	31.3	0.0232
8	FB	2013-01-11	31.7	0.0134
9	FB	2013-01-14	31.0	-0.0243
10	FB	2013-01-15	30.1	-0.0275

```
# ... with 4,022 more rows
```