Plot

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Loading Port Data

In this area we load the dataset

```
require(dplyr)
```

```
## Zorunlu paket yükleniyor: 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
```

```
url.world_ports <-
url("http://sharpsightlabs.com/wp-content/datasets/world_ports.RData")
load(url.world_ports)
glimpse(df.world_ports)
```

```
## Rows: 550
## Columns: 9
## $ rank       <int> 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, ~
## $ year       <fct> 2014, 2014, 2014, 2014, 2014, 2014, 2014, 2014, 2014, 2014,~
## $ continent  <fct> Asia, Asia, Asia, Asia, Asia, Asia, Asia, Asia, Asia, Asia,~
## $ economy    <fct> China, Singapore, China, Hong Kong, China, South Korea, Chi~
## $ port       <fct> Shanghai, Singapore, Shenzhen, Hong Kong, Ningbo-Zhoushan, ~
## $ port_label <fct> Shanghai, Singapore, Shenzhen, Hong Kong, Ningbo/Z-shan, Bu~
## $ lon        <dbl> 121.473701, 103.819836, 114.057865, 114.109497, 121.988043,~
## $ lat        <dbl> 31.230416, 1.352083, 22.543096, 22.396428, 29.901620, 35.17~
## $ volume     <dbl> 35268, 33869, 23798, 22374, 19450, 18423, 16624, 16160, 147~
```

```
require(ggplot2)
```

Creating a Theme

```
## Zorunlu paket yükleniyor: ggplot2
```

```
theme.porttheme <-
theme(text = element_text(color = "#444444")) +
theme(plot.title = element_text(size = 18)) +
theme(plot.subtitle = element_text(size = 16)) +
theme(axis.title = element_text(size = 14)) +
theme(axis.title.y = element_text(angle = 0, vjust = .5,
margin = margin(r = 15))) +
theme(axis.text = element_text(size = 10)) +
theme(axis.title.x = element_text(margin = margin(t = 20))) +
theme(legend.title = element_blank())
```

Chart of the 25 Busiest Ports by Volume