

# Assignment6

*yaru peng*

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Bude Town is a small seaside resort town in north Cornwall, England, UK, which has been named as the Best UK Coastal Resort for three consecutive years.

Map:

```
library(ggmap)
```

```
## Loading required package: ggplot2
```

```
library(tidyverse)
```

```
## -- Attaching packages ----- tidyverse 1.2.1 --
```

```
## v tibble 1.4.2      v purrr 0.2.4
```

```
## v tidyr 0.7.2      v dplyr 0.7.4
```

```
## v readr 1.1.1     v stringr 1.2.0
```

```
## v tibble 1.4.2     v forcats 0.2.0
```

```
## -- Conflicts ----- tidyverse_conflicts() --
```

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

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

```
map <- get_googlemap(center = c(-4.543678,50.83),zoom=15)
```

```
## Map from URL : http://maps.googleapis.com/maps/api/staticmap?center=50.83,-4.543678&zoom=15&size=640x480
```

```
sites <- data.frame(lat=c(50.830553,50.835880,50.833467,50.830161),  
                    long =c(-4.551,-4.5539,-4.552814,-4.544088),  
                    name=c("Summerleaze Beach","Crooklets Beach","Cricket club","Bar 35"))
```

```
from <- "Bude North Cornwall Cricket Club"
```

```
to <- "Bar 35, Belle Vue Ln, Bude EX23 8BR"
```

```
route_df <- route(from,to, structure = "route")
```

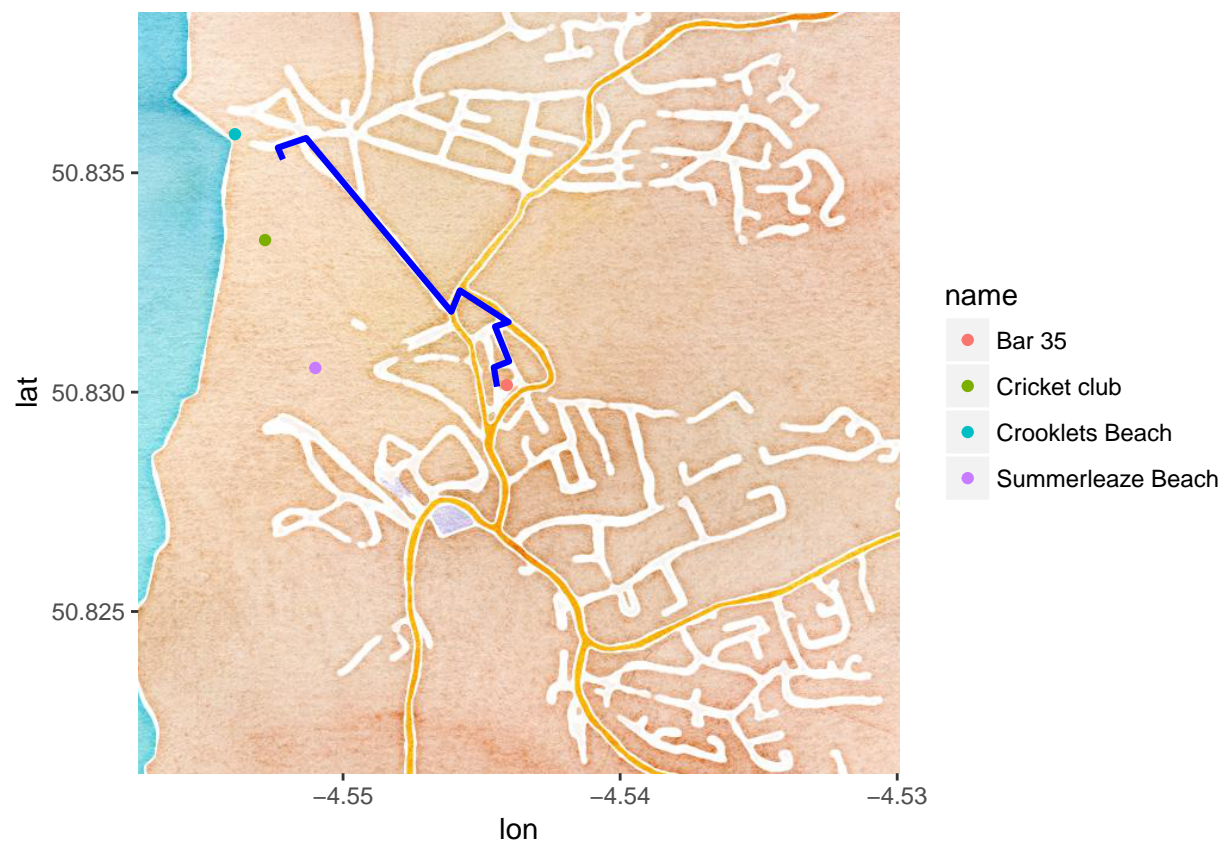
```
## Information from URL : http://maps.googleapis.com/maps/api/directions/json?origin=Bude+North+Cornwall&destination=Bar+35,+Belle+Vue+Ln,+Bude+EX23+8BR
```

```
ggmap(map) +
```

```
  geom_point(data = sites, aes(x=long, y=lat, color = name))+
```

```
  geom_path(aes(x = lon, y =lat),color = "blue", size = 1.1, data = route_df, lined = "round")
```





spots:









Figure 1: Cricket club