
title: "Hotel Sentiment Analysis"

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date: "13/18/2021"

output: pdf

``{r}

```
hotel_df <- read.csv("C:/Users/Muzzumil/Downloads/hotel_reviews.csv")
```

```
hotel_df <- hotel_df[1:5,]
```

```
hotel_df
```

```
custom_colors <- c("red", "royalblue4", "powderblue", "orangered", "springgreen")
```

```
pie(hotel_df$Rating, labels = rownames(hotel_df), col=custom_colors, main = "Hotel Reviews Ratings")
```

```
library("plotrix")
```

```
draw.circle(0, 0, 0.4, col="white")
```

```
library(pacman)
```

```
p_load(sentimentr, dplyr, magrittr)
```

```
sentiment(hotel_df$..Review)
```

```
temp = hotel_df
```

```
i=1
for(review in temp$`.Review)
{
  temp$Sentiment[i] <- sentiment(review)$sentiment
  if(temp$Sentiment[i] > 0)
  {
    temp$category[i] = "+tive"
  }
  else if(temp$Sentiment[i] < 0)
  {
    temp$category[i] = "-tive"
  }
  else if(temp$Sentiment[i] == 0)
  {
    temp$category[i] = "Neutral"
  }
  i<-i+1
}
temp

...

```