````
---
title: ' GGPlot'
output: html_document
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creating data visualization with `ggplot2` package.to share some insights that we has gotten
from hotel_booking data

##  Import your data



```{r load data}
hotel_bookings <- read.csv("hotel_bookings.csv")
```

##  show  a sample of the data



```{r examining your data}
head(hotel_bookings)
```



```{r look at column names}
colnames(hotel_bookings)
```

##  Install and load the 'ggplot2' package



```{r loading and installing ggplot2, echo=FALSE, message=FALSE}
install.packages('ggplot2')
library(ggplot2)
```

##  creating a plot


here we want to know if having more that on child has anything to do with lead_time

```{r creating a plot}
ggplot(data = hotel_bookings) +
  geom_point(mapping = aes(x = lead_time, y = children))
```

The plot shows that our hypothesis is incorrect.


## Step 5: Try it on your own

we want to know what group of guests book the most weekend nights in order to target that group
in a new marketing campaign.


```{r}
ggplot(data = hotel_bookings) +
 geom_point(mapping = aes(x =stays_in_weekend_nights , y =children ))
```
````