

## Data Exploration in R for DSO104 Final Project

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# Load in Libraries

```
library("ggplot2")
```

# Bar charts

```
ggplot(data=hotels, aes(x=hotel)) + geom_bar()
```

```
ggplot(data=hotels, aes(x=arrival_date_year)) + geom_bar()
```

```
ggplot(data=hotels, aes(x=deposit_type)) + geom_bar()
```

```
ggplot(data=hotels, aes(x=customer_type)) + geom_bar()
```

```
ggplot(data=hotels, aes(x=reservation_status)) + geom_bar()
```

# Scatter plots

```
ggplot(data=hotels, aes(x=adults, y=children)) + geom_point()
```

```
ggplot(data=hotels, aes(x=adults, y=babies)) + geom_point()
```

```
ggplot(data=hotels, aes(x=stays_in_week_nights, y=children)) + geom_point()
```

# Line chart

```
ggplot(data=hotels, aes(x=reservation_status_date, y=booking_changes)) + geom_line()
```

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