```r
ggplot(data, aes(x = hora_cita)) +
  geom_density(fill = "skyblue", color = "blue") +
  labs(title = "Distribución de horas de ingreso de pacientes al centro de
salud (8 am - 5 pm)",
       x = "Hora de ingreso a puerta",
       y = "Densidad") +
  scale_x_datetime(breaks = seq(from = as.POSIXct("07:00:00", format =
"%H:%M:%S"),
                                to = as.POSIXct("17:00:00", format =
"%H:%M:%S"),
                                by = "hour"),
                   date_labels = "%H:%M") +
  theme_minimal()

ggplot(data, aes(x = hora_puerta)) +
  geom_density(fill = "skyblue", color = "blue") +
  labs(title = "Distribución de horas de ingreso de pacientes al centro de
salud (8 am - 5 pm)",
       x = "Hora de ingreso a puerta",
       y = "Densidad") +
  scale_x_datetime(breaks = seq(from = as.POSIXct("07:00:00", format =
"%H:%M:%S"),
                                to = as.POSIXct("17:00:00", format =
"%H:%M:%S"),
                                by = "hour"),
                   date_labels = "%H:%M") +
  theme_minimal()

library(queueing)
?QueueingModel

### ** Examples


## M/M/1 model
summary(QueueingModel(NewInput.MM1(lambda=1/4, mu=1/3, n=0)))

## M/M/1/K model
summary(QueueingModel(NewInput.MM1K(lambda=1/4, mu=1/3, k=3)))
```