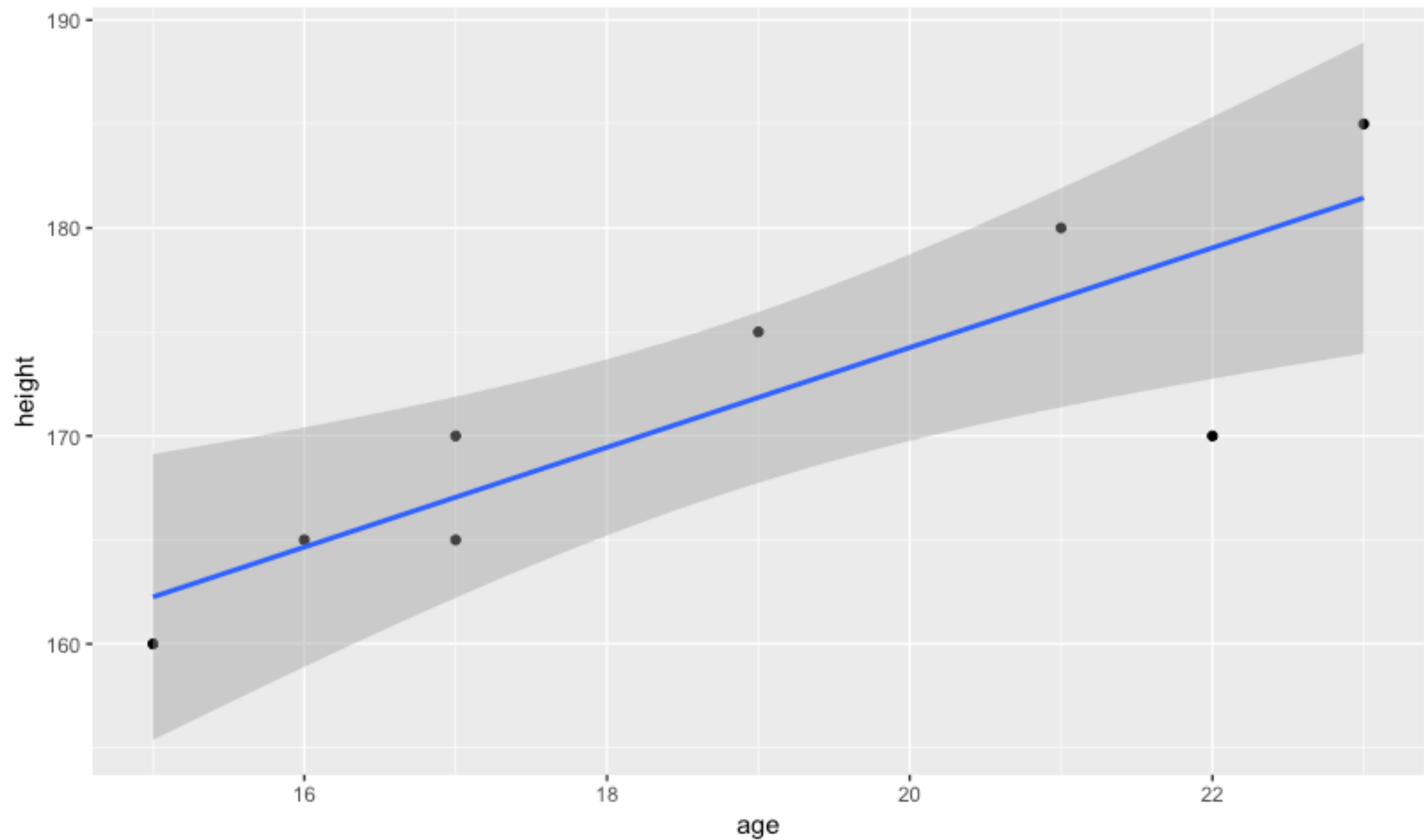```
ggplot(ageheightdata, aes(x = age, y = height)) +
  geom_point() +
  geom_smooth(method = "lm")
```

# Linear Mixed Models

What happens when we have many observations per person that we want to model?

Imagine we are interested in how a person's reaction time varies whether they're responding to Large or Small target items.

We observe the same 10 people each responding to 5 Large and 5 Small target items.

We have 10 observations per person. These observations are not independent of each other as (which is an assumption of a linear model).