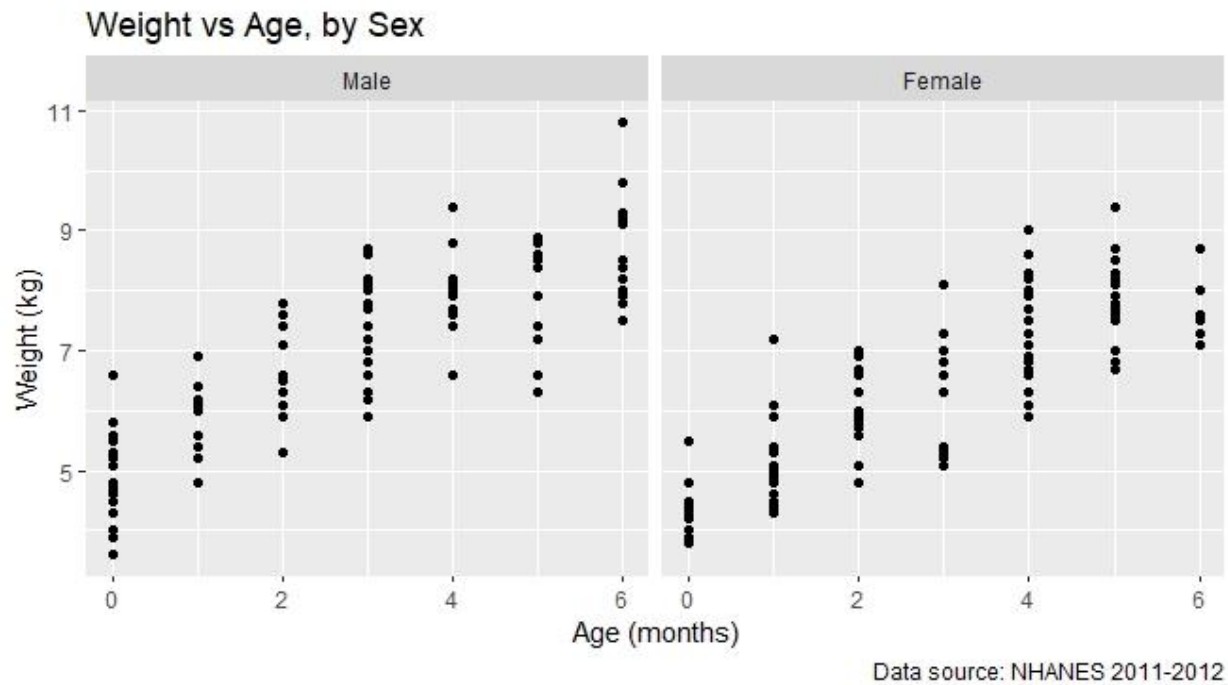


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Exercise 1 - ggplot

```
library(ggplot2)
ggplot(nhanes, aes(x = AGE_MO, y = WEIGHT_KG)) +
  geom_point() +
  facet_wrap(~ SEX) +
  labs(
    x = "Age (months)", y = "weight (kg)",
    title = "Weight vs Age, by Sex",
    caption = "Data source: NHANES 2011-2012"
  )
```



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Exercise 1 - Tableau

Tableau Specifications

- Columns: Gender, Months
- Rows: Weight Kg
- Under Analysis, *deselect* Aggregate Measures

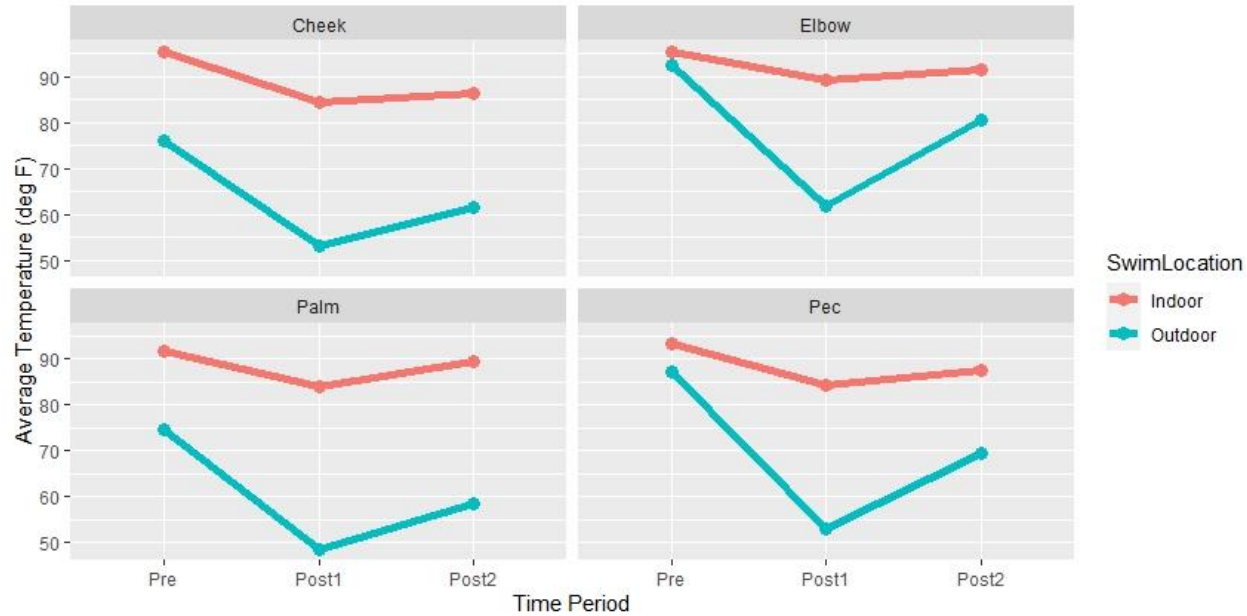


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Swim Data - ggplot

```
library(ggplot2)
ggplot(SwimData, aes(x = Time, y = AverageTemp, group=SwimLocation, color=SwimLocation)) +
  geom_point(size=3) +
  geom_path(size=2) +
  facet_wrap(~ Location) +
  labs(
    x = "Time Period",
    y = "Average Temperature (deg F)"
  )
)
```



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Swim Data - Tableau

Tableau Specifications

- Columns: Location, Time
- Rows: AverageTemp
- Color: SwimLocation
- Marks: Line

