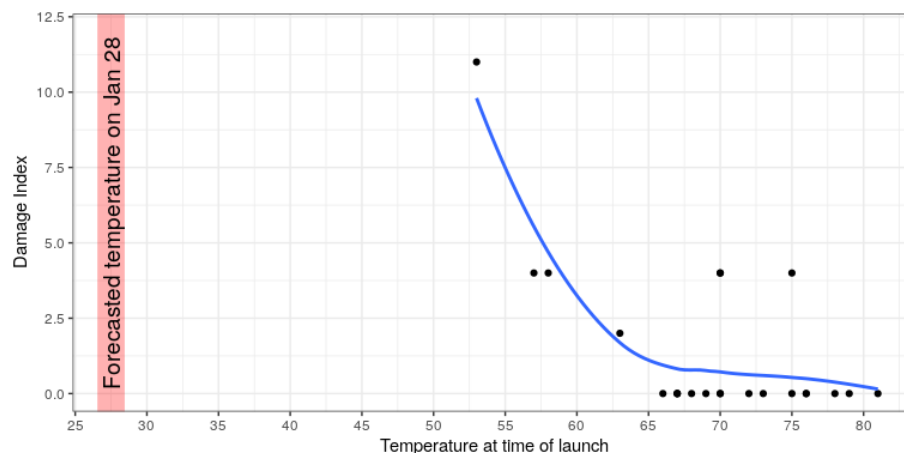


## 7.6: Creating a More Complex Plot

In this section we will recreate Figure 6.2 from Chapter [@ref{data-visualization}](#). Here is the code to generate the figure; we will go through each of its sections below.

```
oringDf <- read.table("data/orings.csv", sep = ",",
                      header = TRUE)

oringDf %>%
  ggplot(aes(x = Temperature, y = DamageIndex)) +
  geom_point() +
  geom_smooth(method = "loess",
              se = FALSE, span = 1) +
  ylim(0, 12) +
  27.5 geom_vline(xintercept = , size = 8,
0.3      alpha = , color = "red") +
  labs(
    y = "Damage Index",
    x = "Temperature at time of launch"
  ) +
  scale_x_continuous(breaks = seq.int(25, 85, 5)) +
  annotate(
    "text",
    angle=90,
    27.5 x = ,
    y = 6,
    label = "Forecasted temperature on Jan 28",
    size = 5
  )
)
```



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