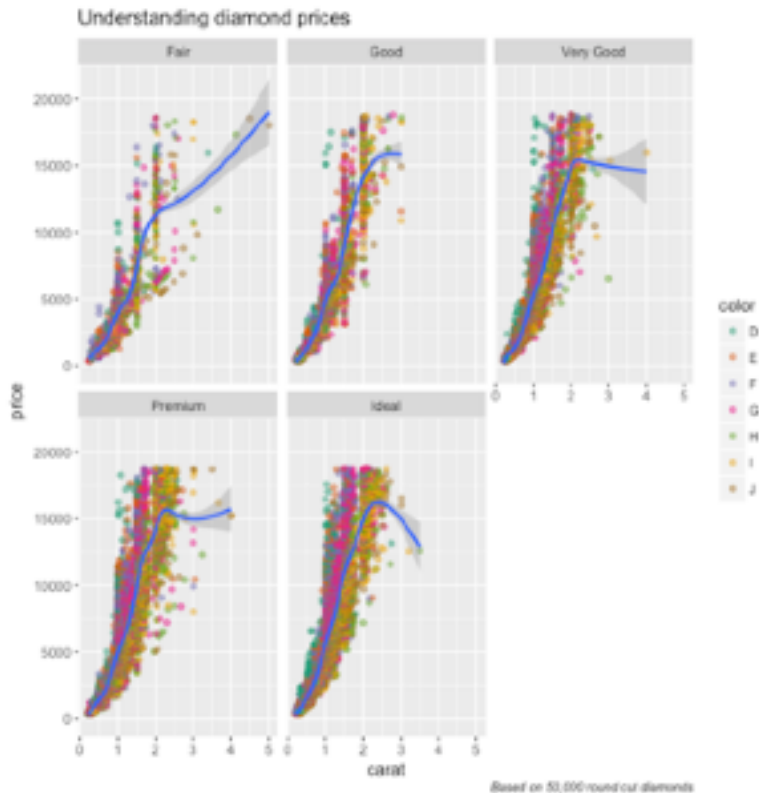# ggplot2 in action

Understanding diamond prices

```
ggplot(diamonds, aes(x = carat, y = price)) +
  geom_point(aes(color = color), alpha = 0.5) +
  geom_smooth() +
  facet_wrap(~cut) +
  scale_colour_brewer(palette = 'Dark2') +
  theme(plot.caption = element_text(
    face = 'italic', size = 8
  )) +
  labs(title = 'Understanding diamond prices',
       caption = 'Based on 50,000 round cut
                  diamonds')
```

Why do we plot networks

- To convince people you're dealing with complex stuff

- To make eye catching graphics

- To support our notion that a network has a certain topology.

- To convey relatively simple relationships

Network visualisation is often about communication

by Reza Permana