

HW DB Batch 11

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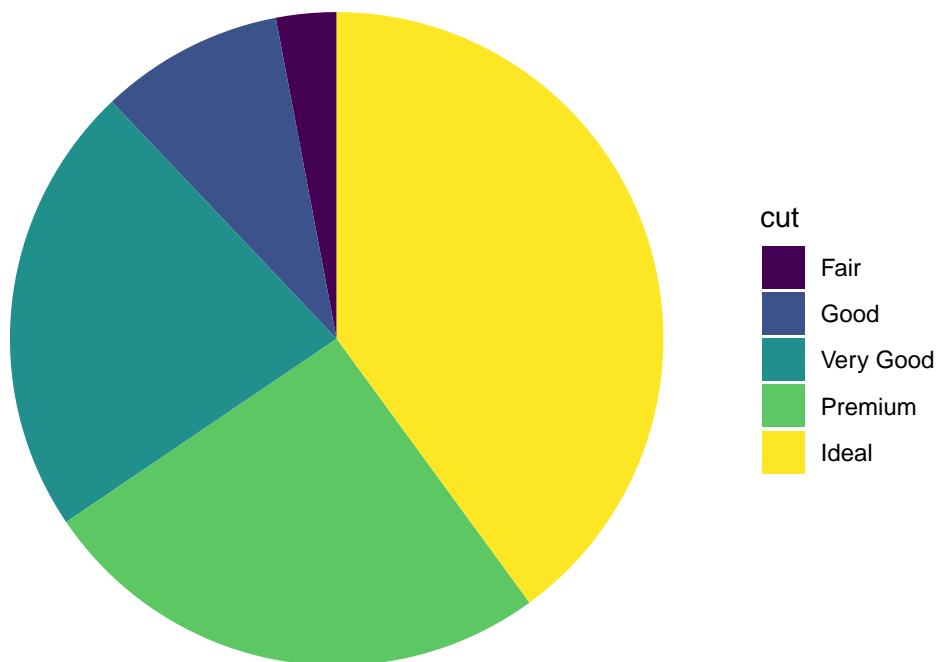
Homework

diamonds

pie chart “Distribution of Diamond Cuts”

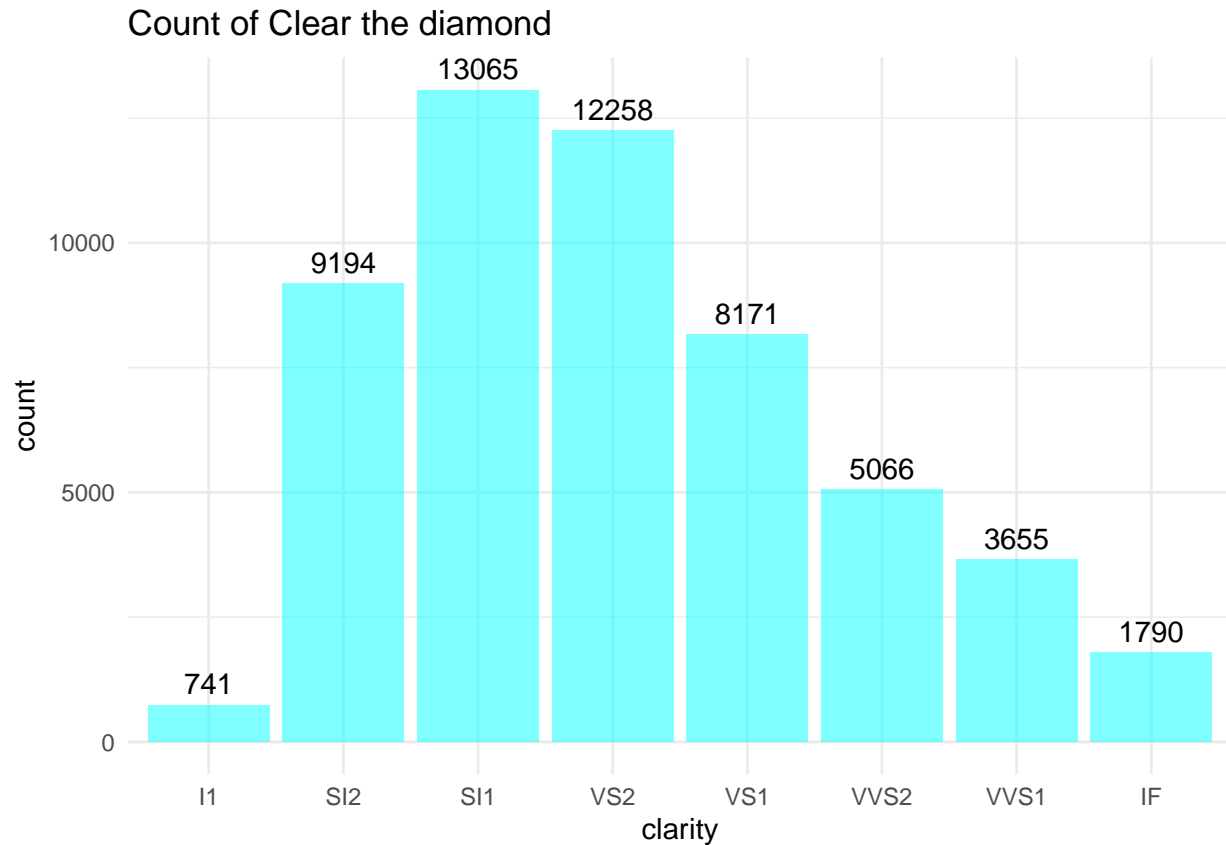
```
library(ggplot2)
ggplot(diamonds,
       mapping = aes(x = factor(1), fill = cut)) +
  geom_bar() +
  coord_polar("y", start = 0) +
  labs(title = "Distribution of Diamond Cut Grade") +
  theme_void()
```

Distribution of Diamond Cut Grade



bar chart of clarify

```
library(ggplot2)
ggplot(diamonds,
       mapping = aes(x = clarity) ) +
  geom_bar(fill = "cyan", alpha=0.5 ) +
  geom_text(stat = "count",
           aes(label = after_stat(count)),
           vjust = -0.5)+
  labs(title = "Count of Clear the diamond")+
  theme_minimal()
```



From bar chart "Clear the diamond" I1 is the worst clear mean that product is quite of quality but also not the best