

R Visualization 1

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```

glimpse(coffee)

## # Rows: 34
## # Columns: 15
## # $ Country.of.Origin      <chr> "Brazil", "Burundi", "China", "Colombia", "Co~
## # $ AVG_Aroma               <dbl> 7.553106, 7.415000, 7.641250, 7.653060, 7.671~
## # $ AVG_Flavor              <dbl> 7.573561, 7.460000, 7.625625, 7.597104, 7.537~
## # $ AVG_Aftertaste          <dbl> 7.440530, 7.250000, 7.484375, 7.524699, 7.534~
## # $ AVG_Acidity              <dbl> 7.511439, 7.415000, 7.578125, 7.560000, 7.573~
## # $ AVG_Body                 <dbl> 7.544545, 7.290000, 7.573750, 7.609508, 7.537~
## # $ AVG_Balance              <dbl> 7.531515, 7.415000, 7.548125, 7.708415, 7.637~
## # $ AVG_Uniformity           <dbl> 9.884924, 10.000000, 9.958125, 9.934426, 9.85~
## # $ AVG_Clean.Cup            <dbl> 9.853485, 10.000000, 9.958125, 9.945355, 9.86~
## # $ AVG_Sweetness             <dbl> 9.949394, 10.000000, 9.916250, 9.952678, 9.90~
## # $ AVG_Moisture              <dbl> 0.08234848, 0.06000000, 0.09437500, 0.0620218~
## # $ AVG_Quakers              <dbl> 0.44696970, 0.00000000, 0.50000000, 0.2076502~
## # $ AVG_Category.One.Defects <dbl> 0.12878788, 0.00000000, 0.00000000, 0.3770491~
## # $ AVG_Category.Two.Defects <dbl> 3.5984848, 2.5000000, 4.0000000, 1.9398907, 2~
## # $ Rec_Cnt                  <dbl> 132, 2, 16, 183, 51, 1, 3, 21, 44, 181, 6, 53~

# Use ggplot: visualize with Scatter plot
ggplot(data = coffee,
        mapping = aes(x=AVG_Aroma, y=AVG_Flavor,
                      color=Country.of.Origin,
                      label = coffee$Country.of.Origin)) +
  geom_point() +
  geom_text_repel(max.overlaps = 15) +
  theme_minimal() +
  theme(legend.position = "none") +
  labs(title = "Coffee Aroma vs. Flavor (by Country)",
       x = "Average Aroma",
       y = "Average Flavor")

```

Coffee Aroma vs. Flavor (by Country)

