Visualization of LifeCycleSavings Data

Introduction

The `LifeCycleSavings` dataset in R contains economic data for 50 countries from 1960–1970. It records personal savings rates and explanatory factors like population structure and income. Visualizing this dataset helps us understand how demographic and economic conditions influence savings behavior.

Visualization

```r
data("LifeCycleSavings")
head(LifeCycleSavings)
```

```
             sr pop15 pop75      dpi ddpi
Australia 11.43 29.35  2.87 2329.68 2.87
Austria   12.07 23.32  4.41 1507.99 3.93
Belgium   13.17 23.80  4.43 2108.47 3.82
Bolivia    5.75 41.89  1.67  189.13 0.22
Brazil    12.88 42.19  0.83  728.47 4.56
Canada     8.79 31.72  2.85 2982.88 2.43
```

```r
library(ggplot2)
ggplot(LifeCycleSavings, aes(x = dpi, y = sr)) +
  geom_point(color = "steelblue", size = 2) +
  geom_smooth(method = "lm", se = FALSE, color = "darkred") +
  labs(
    title = "Savings Rate vs. Per-Capita Disposable Income",
    x = "Per-Capita Disposable Income (dpi)",
    y = "Personal Savings Rate (sr)"
  ) +
  theme_minimal(base_size = 14)
```

```
`geom_smooth()` using formula = 'y ~ x'
```

Savings Rate vs. Per−Capita Disposable Incom