Professional Report Title

Report Subtitle

Shubham Dutta, Ph.D.

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Introduction

This template demonstrates the use of brand colors and custom typography in a professional report. The design system includes:

- **Typography**
  - Headings: Roboto Slab
  - Body Text: Roboto
  - Code: JetBrains Mono
- **Colors**
  - Primary: Deep Navy (`#2D3047`)
  - Secondary: Forest Green (`#419D78`)
  - Accents: Golden Yellow (`#E0A458`) and Coral (`#E76F51`)

Sample Visualization

```
ggplot(mtcars, aes(x = wt, y = mpg, color = factor(cyl))) +
  geom_point(size = 3) +
  scale_color_shubhamd() +
  labs(
    title = "Vehicle Weight vs Fuel Efficiency",
    subtitle = "Grouped by Number of Cylinders",
    x = "Weight (1000 lbs)",
    y = "Miles per Gallon",
    color = "Cylinders"
  )
```

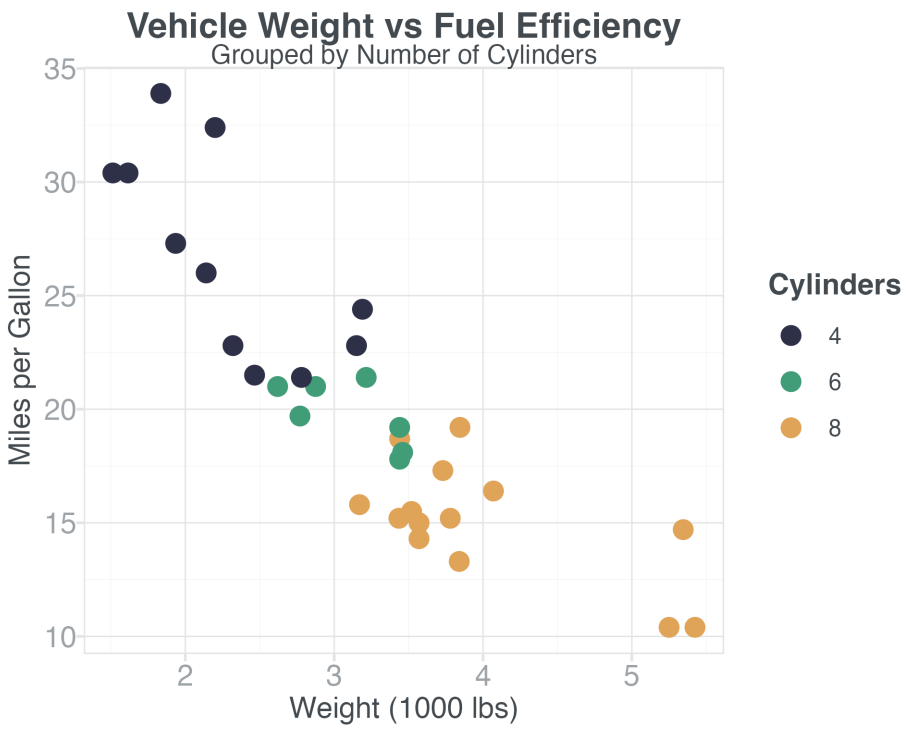

Figure 1: Example visualization using brand colors

Sample Table

```
mtcars %>%
  head() %>%
  kbl() %>%
  kable_styling(
    bootstrap_options = c("striped", "hover"),
    latex_options = c("striped"),
    full_width = FALSE
  ) %>%
  row_spec(0, bold = TRUE)
```

Methods

Code Example

Here's an example of how code blocks look in this template:

```
summary_stats <- mtcars %>%
  group_by(cyl) %>%
  summarise(
```

Table 1: Example table using brand colors

	mpg	cyl	disp	hp	drat	wt	qsec	vs	am	gear	carb
Mazda RX4	21.0	6	160	110	3.90	2.620	16.46	0	1	4	4
Mazda RX4 Wag	21.0	6	160	110	3.90	2.875	17.02	0	1	4	4
Datsun 710	22.8	4	108	93	3.85	2.320	18.61	1	1	4	1
Hornet 4 Drive	21.4	6	258	110	3.08	3.215	19.44	1	0	3	1
Hornet Sportabout	18.7	8	360	175	3.15	3.440	17.02	0	0	3	2
Valiant	18.1	6	225	105	2.76	3.460	20.22	1	0	3	1

```
    mean_mpg = mean(mpg),
    sd_mpg = sd(mpg),
    n = n()
  )

print(summary_stats)
```

```
# A tibble: 3 x 4
    cyl mean_mpg sd_mpg     n
  <dbl>    <dbl>  <dbl> <int>
1     4     26.7   4.51    11
2     6     19.7   1.45     7
3     8     15.1   2.56    14
```

Results

Mathematical Equations

The template also supports mathematical equations:

$$f(x) = \int_{-\infty}^{\infty} \hat{f}(\xi)\, e^{2\pi i \xi x}\, d\xi$$

Discussion

This section demonstrates how different heading levels look in the document.

Subsection Example

This shows a subsection with the secondary brand color.

Sub-subsection Example

This shows the lowest heading level.

References