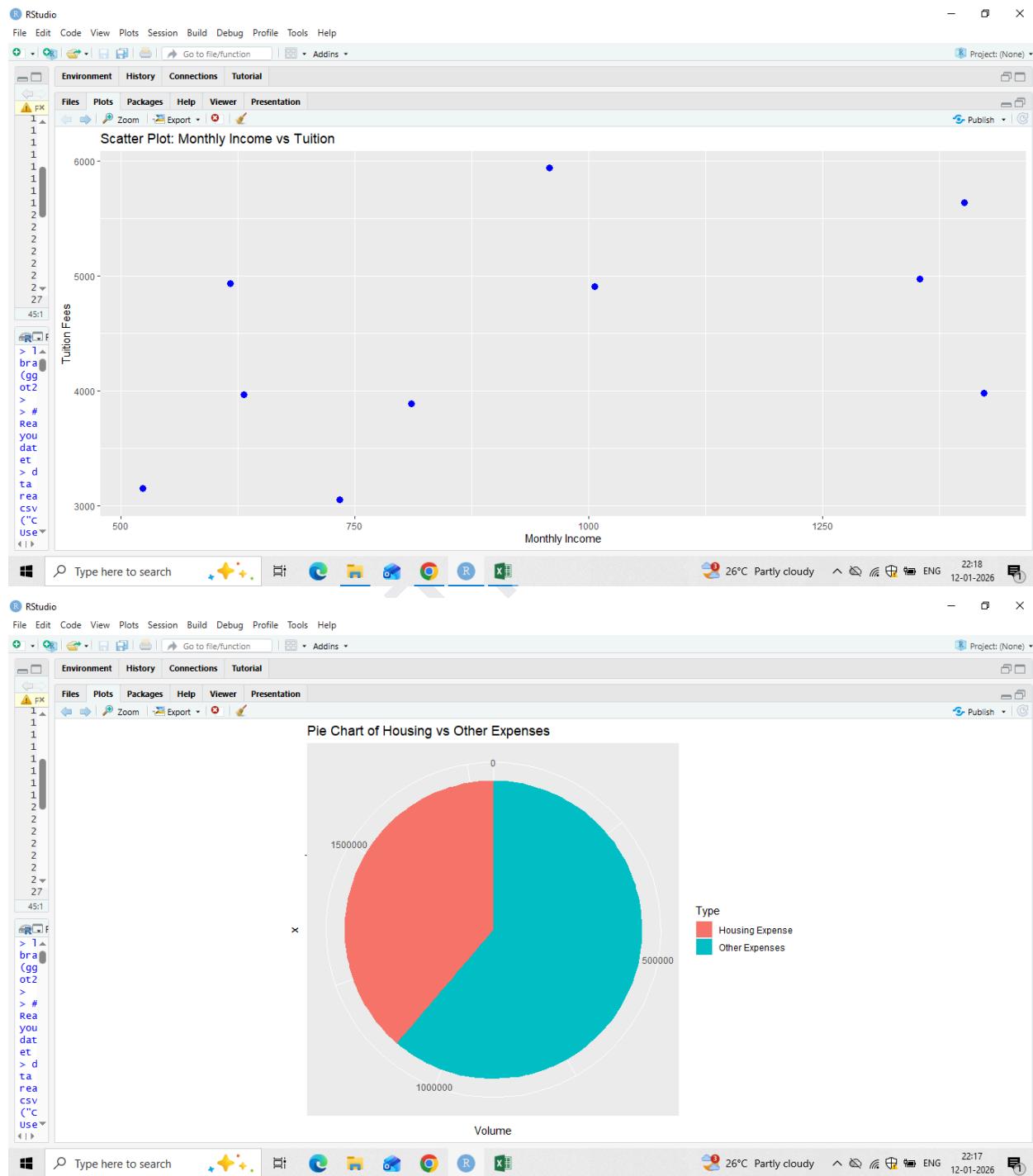


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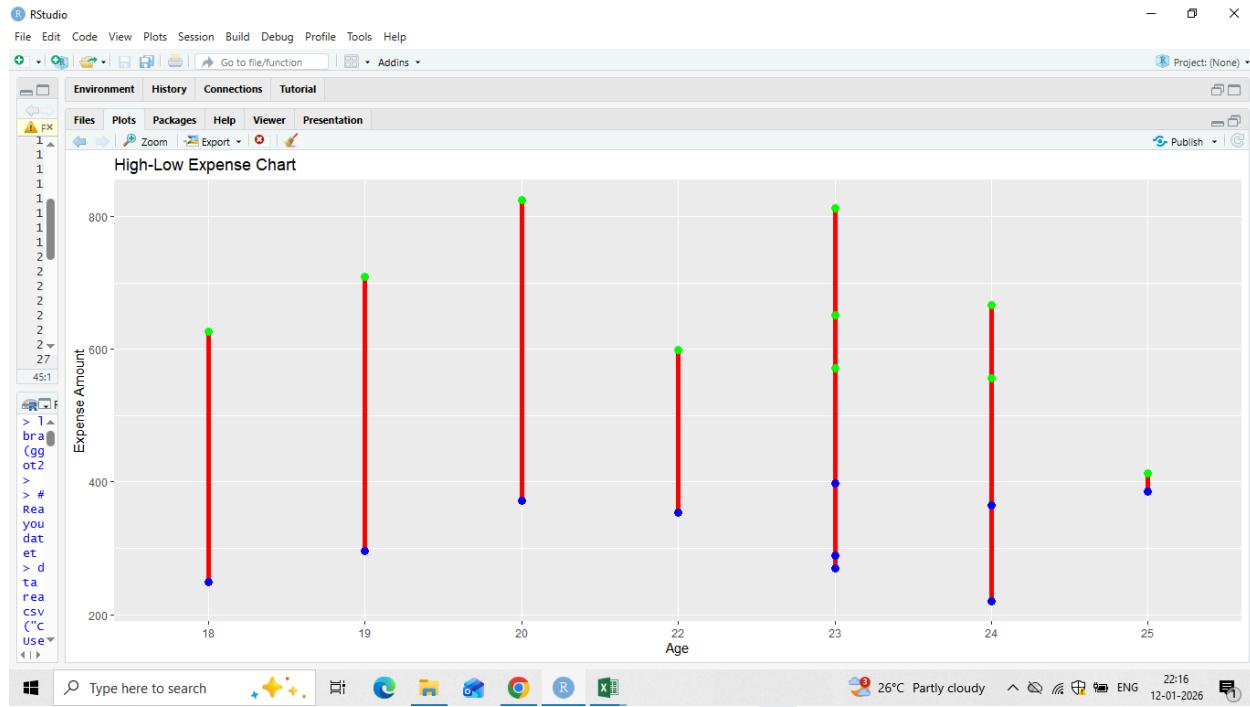
10 Creating graphical reports using ,ggplot2 (R).

- Scatter Plots
- Pie Charts
- High-Low Chart

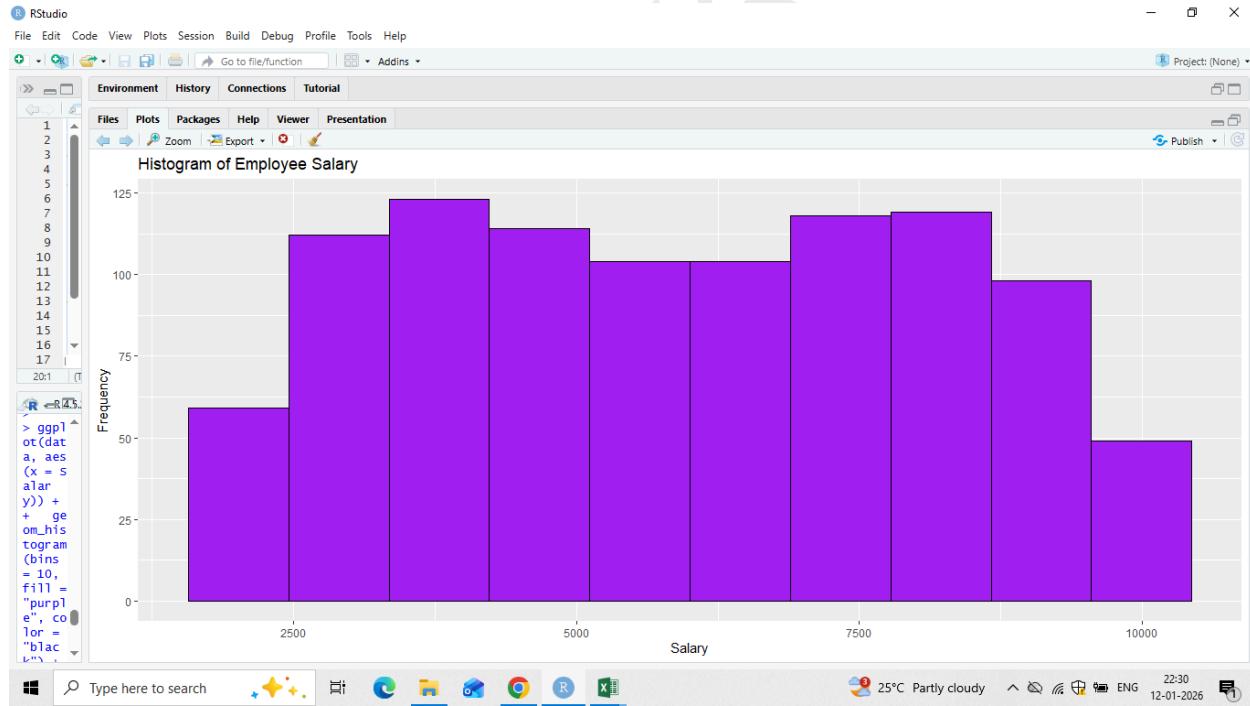


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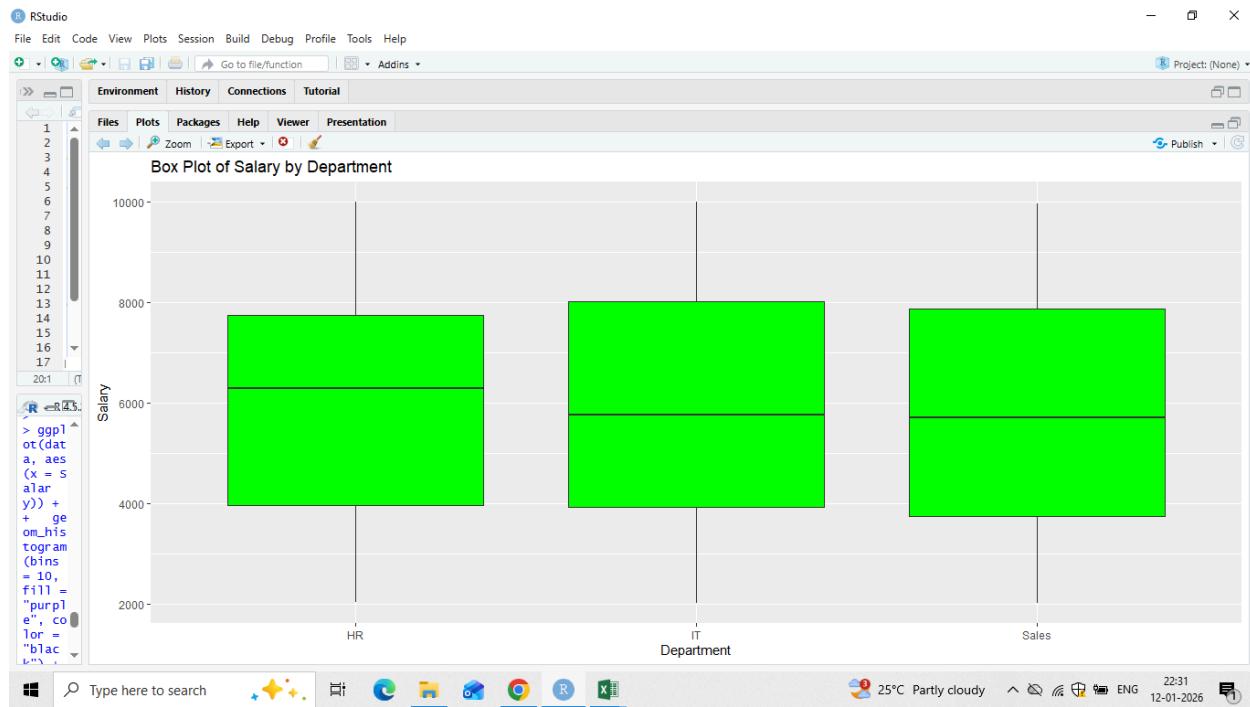


11 Generating histograms and box plots using ggplot2 (R).



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12 Generating correlation matrices using cor() (R).

```
R> employee_data <- data.frame(
+   Age = c(23, 30, 35, 40, 45, 50, 55, 60),
+   Salary = c(2500, 3200, 4000, 4800, 5500, 6000, 6500, 7200),
+   Experience = c(1, 3, 5, 8, 12, 15, 18, 22),
+   Performance_Score = c(2, 3, 4, 4, 5, 3, 4, 5),
+   working_Hours = c(35, 38, 40, 42, 45, 48, 50, 52)
+ )
>
> correlation_matrix <- cor(employee_data)
>
> print(correlation_matrix)
```

	Age	Salary	Experience	Performance_Score	working_Hours
Age	1.0000000	0.996709	0.9950324	0.6761234	0.9982139
Salary	0.996709	1.0000000	0.9866651	0.7084070	0.9939609
Experience	0.9950324	0.9866651	1.0000000	0.6438568	0.9935565
Performance_Score	0.6761234	0.7084070	0.6438568	1.0000000	0.6536199
working_Hours	0.9982139	0.9939609	0.9935565	0.6536199	1.0000000