

Gender 도수분포표:

The screenshot shows the RStudio interface with the 'survey' dataset loaded. The Environment pane on the right shows 'survey' with 47 observations and 5 variables. The Files pane shows the project structure. The console shows the command `table(survey$Gender)` and its output:

```
Female Male
28      19
```

Gender 상대도수분포표:

The screenshot shows the RStudio interface with the 'survey' dataset loaded. The Environment pane on the right shows 'survey' with 47 observations and 5 variables. The Files pane shows the project structure. The console shows the command `prop.table(table(survey$Gender))` and its output:

```
Female Male
0.5957447 0.4042553
```

Gender 와 Grade 교차표:

2025STB_sunnytong - RStudio

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survey × 04.Data_Graph(3).R ×

Filter

	Gender	Age	Grade	Nationality	ResidentialArea
1	Female	23	3	Korea	Gyeonggi
2	Male	22	3	China	Gyeonggi
3	Male	24	3	Korea	Gyeonggi
4	Female	21	2	Korea	Gyeonggi
5	Female	21	2	Korea	Gyeonggi
6	Male	24	3	Korea	Seoul
7	Female	21	2	China	Seoul
8	Female	21	3	China	Seoul
9	Male	30	4	Uzbekistan	Gyeonggi
10	Female	20	3	China	Seoul
11	Female	21	3	China	Gyeonggi

Showing 1 to 11 of 47 entries, 5 total columns

```
R - R 4.5.1 - C:/2025STB_sunnytong/
> table(survey$Gender, survey$Grade)
      2  3  4
Female 12 10  6
Male   8  8  3
> prop.table(table(survey$Gender, survey$Grade), margin=1)
      2      3      4
Female 0.4285714 0.3571429 0.2142857
Male   0.4210526 0.4210526 0.1578947
> |
```

Environment History Connections Git Tutorial

R - Global Environment

Data

survey 47 obs. of 5 variables

Files Plots Packages Help Viewer Presentation

New Folder New File Delete Rename More

C:/2025STB_sunnytong

Name	Size	Modified
..		
.gitignore	726 B	Sep 22, 2025, 6:14 PM
.Rhistory	30.6 KB	Sep 26, 2025, 6:35 PM
03. R Basic.R	443 B	Sep 22, 2025, 6:28 PM
04. 2025STB_survey.xlsx	11.4 KB	Sep 25, 2025, 12:14 AM
04. Data_Graph(Category type).R	2.1 KB	Sep 26, 2025, 4:54 PM
04. Data_Graph(Quantitative data).R	1.1 KB	Sep 26, 2025, 4:50 PM
04. dust.csv	27.2 MB	Sep 23, 2025, 7:58 AM
04. KOTRA2024.xlsx	1.3 MB	Sep 23, 2025, 7:57 AM
04.Data_Graph(3).R	1.2 KB	Sep 26, 2025, 6:35 PM
2025STB_sunnytong.Rproj	218 B	Sep 26, 2025, 6:35 PM
Data_Graph.pdf	4 MB	Sep 26, 2025, 5:00 PM
df.xlsx	10.6 KB	Sep 22, 2025, 7:08 PM
README.md	43 B	Sep 22, 2025, 6:14 PM

Nationality 막대그래프:

2025STB_sunnytong - RStudio

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Go to file/function Addins

survey × 04.Data_Graph(3).R ×

Filter

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1	Female	23	3	Korea	Gyeonggi
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8	Female	21	3	China	Seoul
9	Male	30	4	Uzbekistan	Gyeonggi
10	Female	20	3	China	Seoul
11	Female	21	3	China	Gyeonggi

Showing 1 to 11 of 47 entries, 5 total columns

```
R - R 4.5.1 - C:/2025STB_sunnytong/
> barplot(table(survey$Nationality), col="skyblue", main="Nationality", xlab="Nationality", ylab="count")
> |
```

Environment History Connections Git Tutorial

R - Global Environment

Data

survey 47 obs. of 5 variables

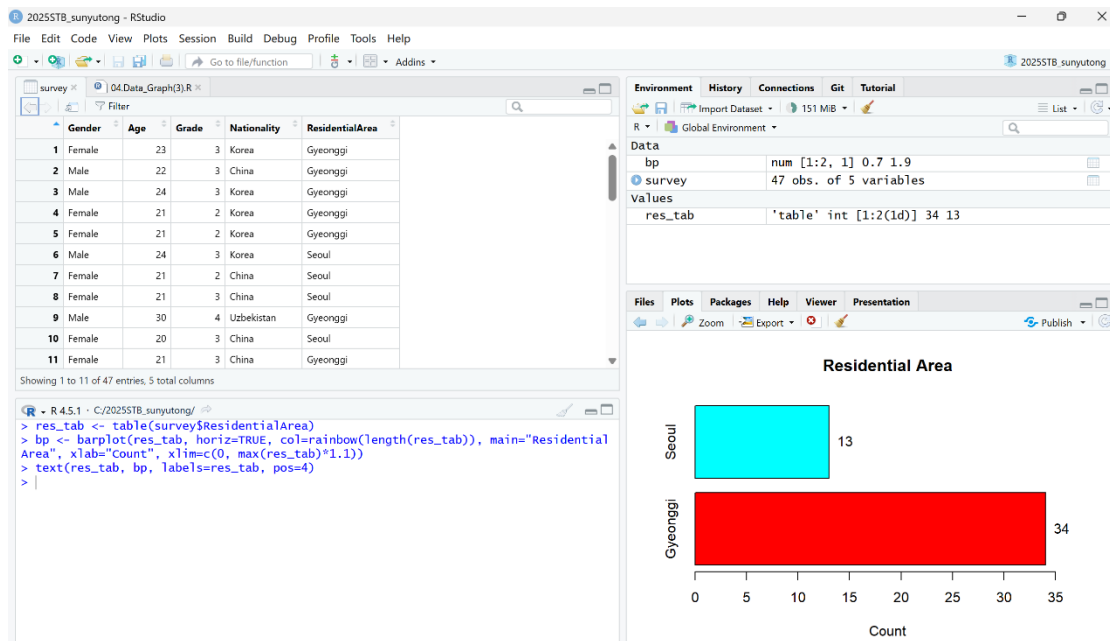
Files Plots Packages Help Viewer Presentation

Zoom Export Publish

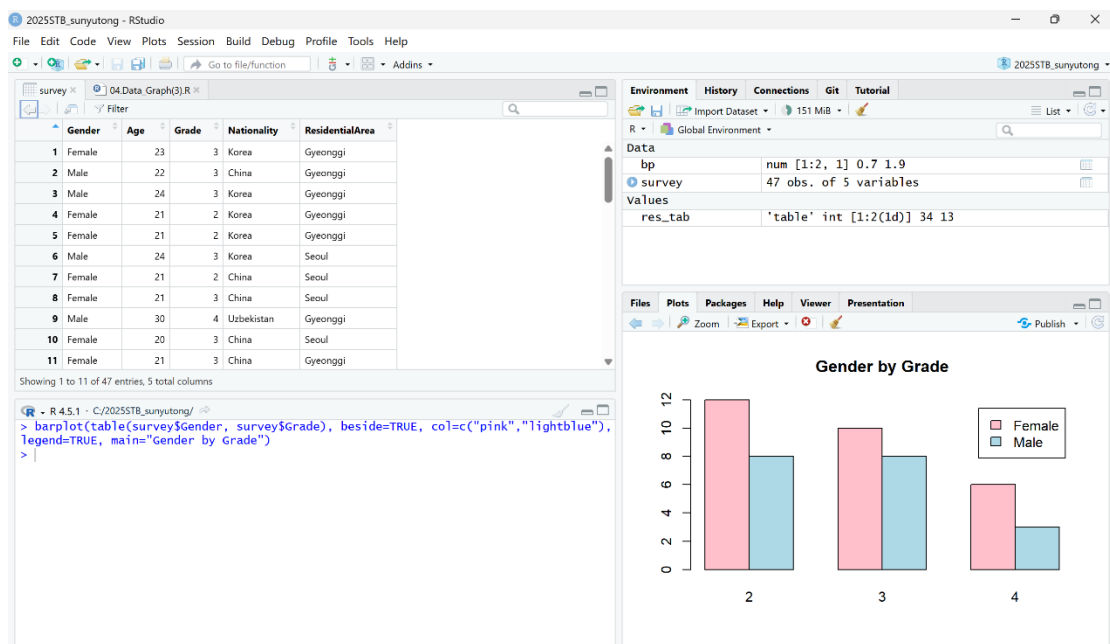
Nationality

Nationality	Count
China	12
Korea	21
Uzbekistan	4

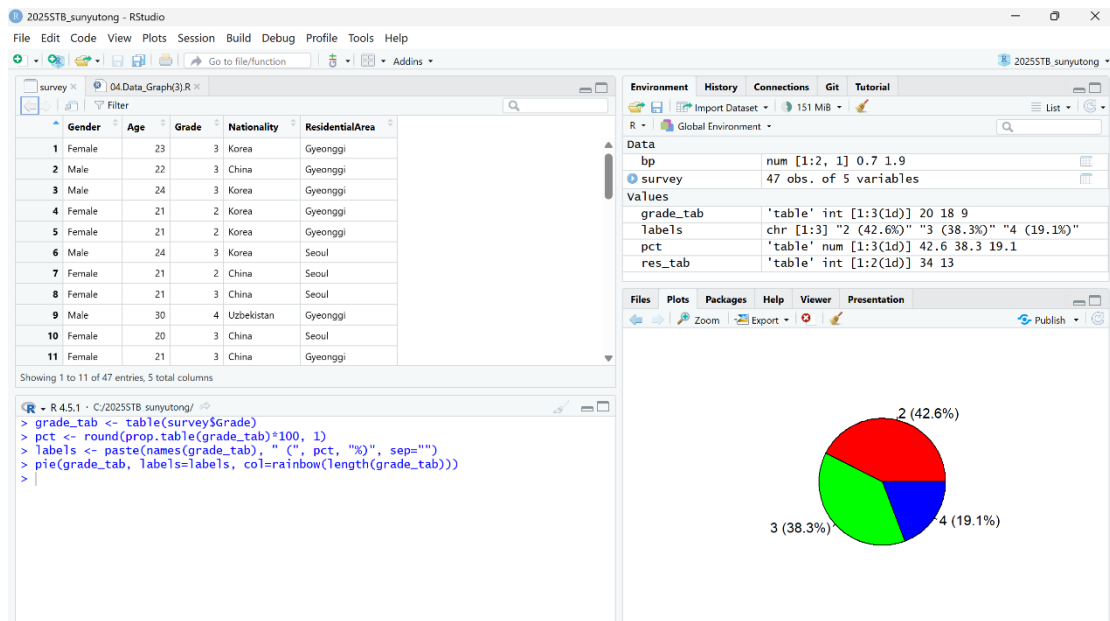
Residential Area (가로) 막대그래프:



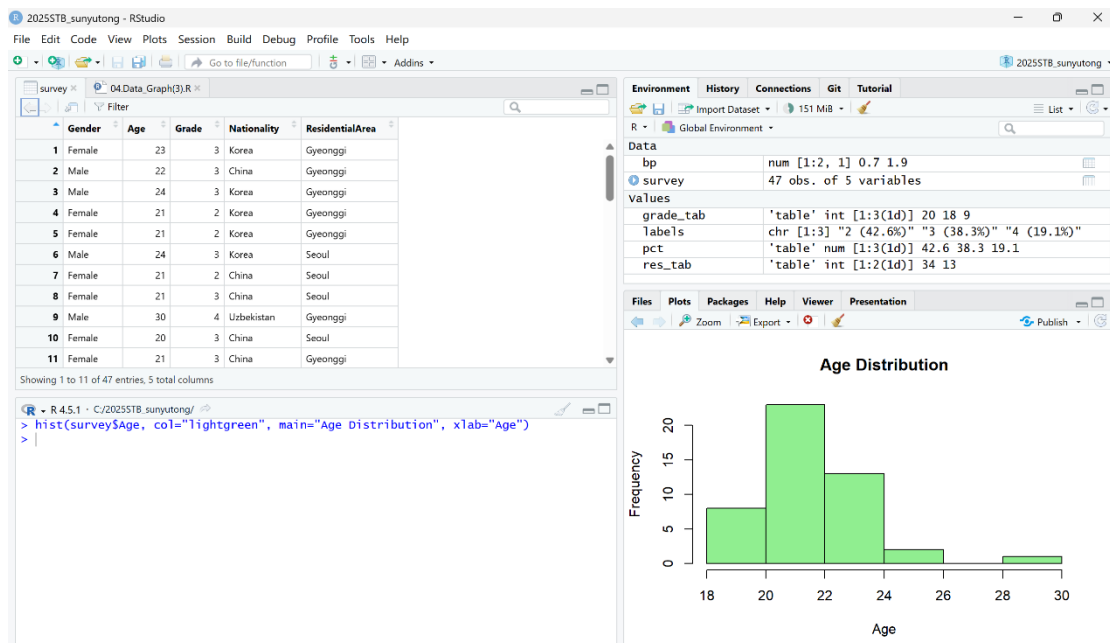
Gender 와 Grade 막대그래프:



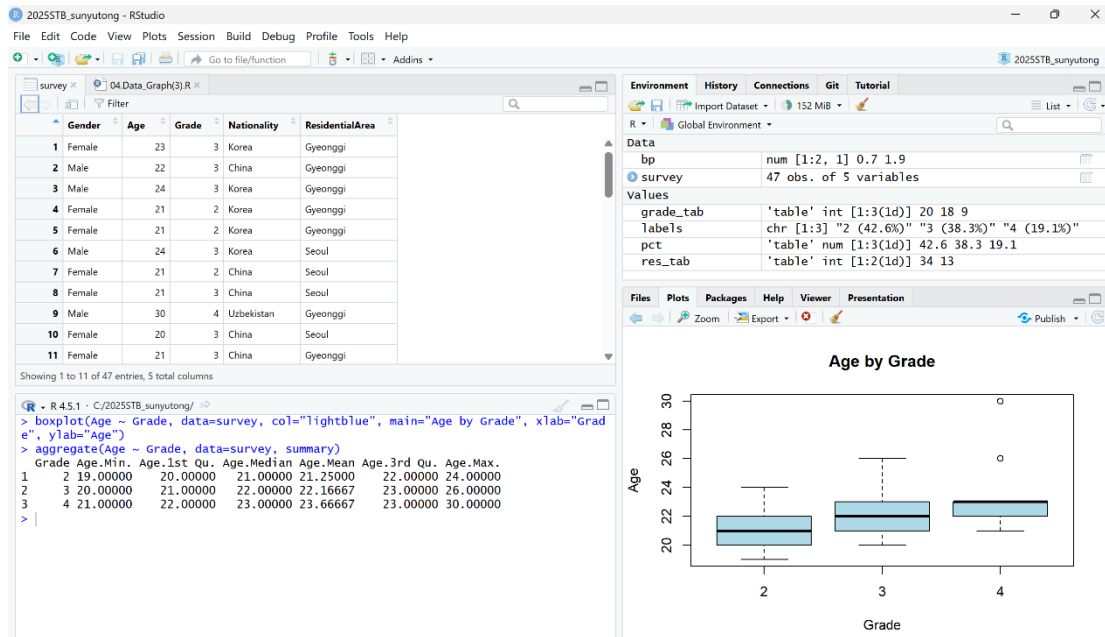
Grade 파이차트:



Age 히스토그램:



박스 플롯:



산점도:

