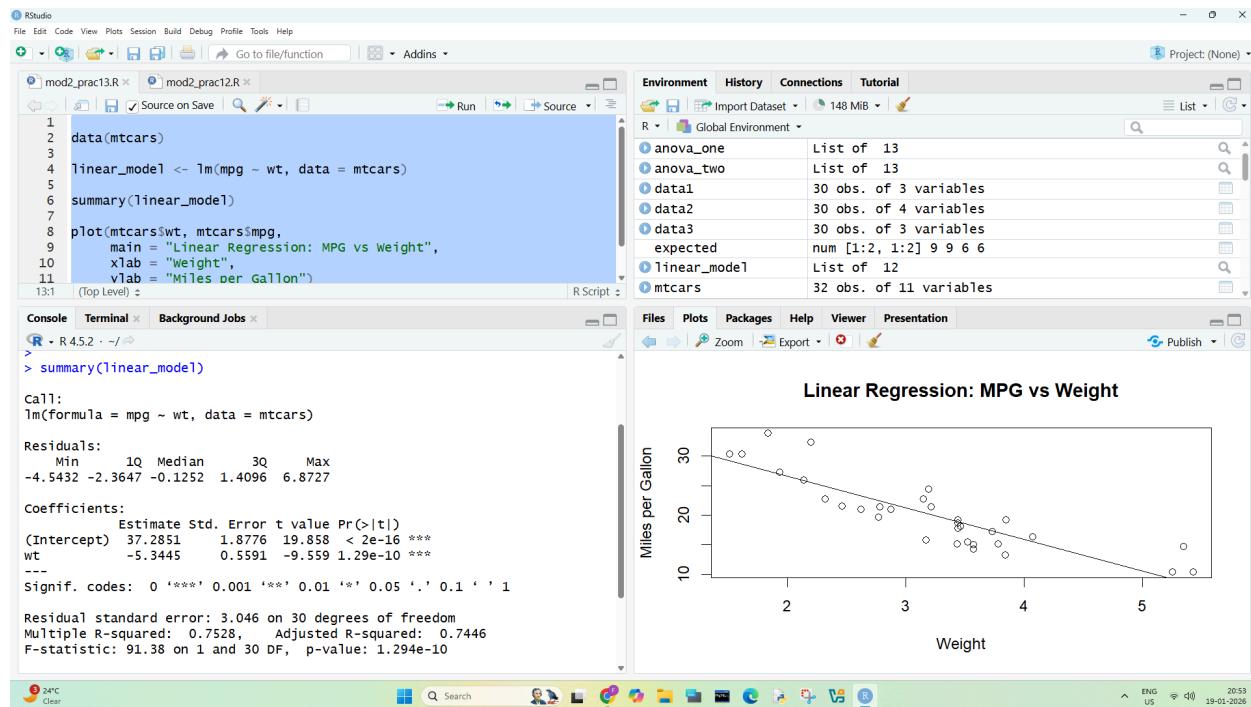
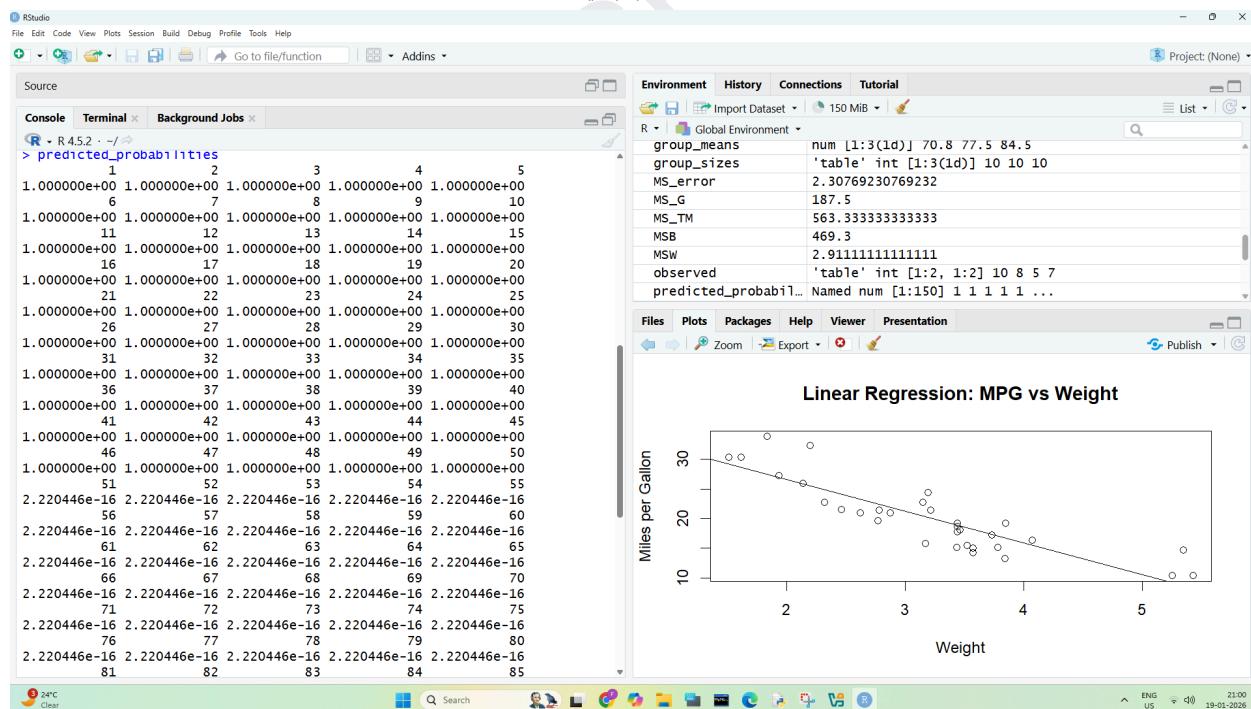


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13 Performing linear regression analysis using lm() (R).



14 Performing logistic regression using glm() (R).



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R MODULE 2 PRAC 13

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15 Exporting results into external files (Excel, CSV, PDF) using `write.csv()` and `writexl (R)`.

RStudio

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mod2_prac14.R mod2_prac15.R Source on Save Run Source

1 characters <- read.csv("E:/ANSRAH/ANSRAH/ANSRAH PROJECTS-2/CHARACTERS_DATASET.csv")

3:1 (Top Level) R Script

Console Terminal Background Jobs

R v 4.5.2 ~/

	NAME	INITIAL_AGE	AGE	GENDER	GENDER_NUMBER	AFFILIATION	ROLE	ALIGNMENT	COMBAT_STYLE	STATUS	ARCHETYPE	ARC_TYPE
1	NEVEAH ELIXIR	9	16	Female	1	Ellef Empire	Protagonist	Good	Ranged	Alive	NA	NA
2	DAMIAN ESTEBETH	9	16	Male	0	Ellef Empire	Protagonist	Good	Close	Alive	NA	NA
3	ELIAS EVANDER	9	16	Male	0	Yeveron Empire	Protagonist	Good	Stealth	Alive	NA	NA
4	CALE WERENUS	9	16	Male	0	Bothell Empire	Supporting	Neutral	Close	Alive	NA	NA
5	ADEN WERENUS	28	35	Male	0	Bothell Empire	Supporting	Neutral	Close	Alive	NA	NA
6	IDIRIA WERENUS	30	37	Female	1	Bothell Empire	Supporting	Neutral	None	Alive	NA	NA

> characters <- read.csv("E:/ANSRAH/ANSRAH/ANSRAH PROJECTS-2/CHARACTERS_DATASET.csv")

> head(characters)

	NAME	INITIAL_AGE	AGE	GENDER	GENDER_NUMBER	AFFILIATION	ROLE	ALIGNMENT	COMBAT_STYLE	STATUS	ARCHETYPE	ARC_TYPE
1	NEVEAH ELIXIR	9	16	Female	1	Ellef Empire	Protagonist	Good	Ranged	Alive	NA	NA
2	DAMIAN ESTEBETH	9	16	Male	0	Ellef Empire	Protagonist	Good	Close	Alive	NA	NA
3	ELIAS EVANDER	9	16	Male	0	Yeveron Empire	Protagonist	Good	Stealth	Alive	NA	NA
4	CALE WERENUS	9	16	Male	0	Bothell Empire	Supporting	Neutral	Close	Alive	NA	NA
5	ADEN WERENUS	28	35	Male	0	Bothell Empire	Supporting	Neutral	Close	Alive	NA	NA
6	IDIRIA WERENUS	30	37	Female	1	Bothell Empire	Supporting	Neutral	None	Alive	NA	NA

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RStudio

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Project: (None)

Source

Console Terminal Background Jobs

R v 4.5.2 ~/

```
#getwd()
getwd()
[1] "C:/Users/ANSI/Documents"
pdf("C:/Users/ANSI/Desktop/practice/SYCS/sem 4/Data Analysis with SAS SPSS R/CHARACTERS_DATASET_SUMMARY.pdf")
summary(characters)
```

NAME	INITIAL_AGE	AGE	GENDER	GENDER_NUMBER	AFFILIATION	ROLE	ALIGNMENT
Length:33	Min. : 3.00	Min. :10.00	Length:33	Min. :0.0000	Length:33	Length:33	Length:33
Class :character	1st Qu.:10.00	1st Qu.:17.00	Class :character	1st Qu.:0.0000	Class :character	Class :character	Class :character
Mode :character	Median :25.00	Median :32.00	Mode :character	Median :0.0000	Mode :character	Mode :character	Mode :character
	Mean :22.94	Mean :30.24		Mean :0.4242			
	3rd Qu.:32.00	3rd Qu.:39.00		3rd Qu.:1.0000			
	Max. :47.00	Max. :54.00		Max. :1.0000			
COMBAT_STYLE	STATUS	ARCHETYPE	ARC_TYPE				
Length:33	Length:33	Mode:logical	Mode:logical				
Class :character	Class :character	NA's:33	NA's:33				
Mode :character	Mode :character						

```
dev.off()
null device
 1
|
```

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