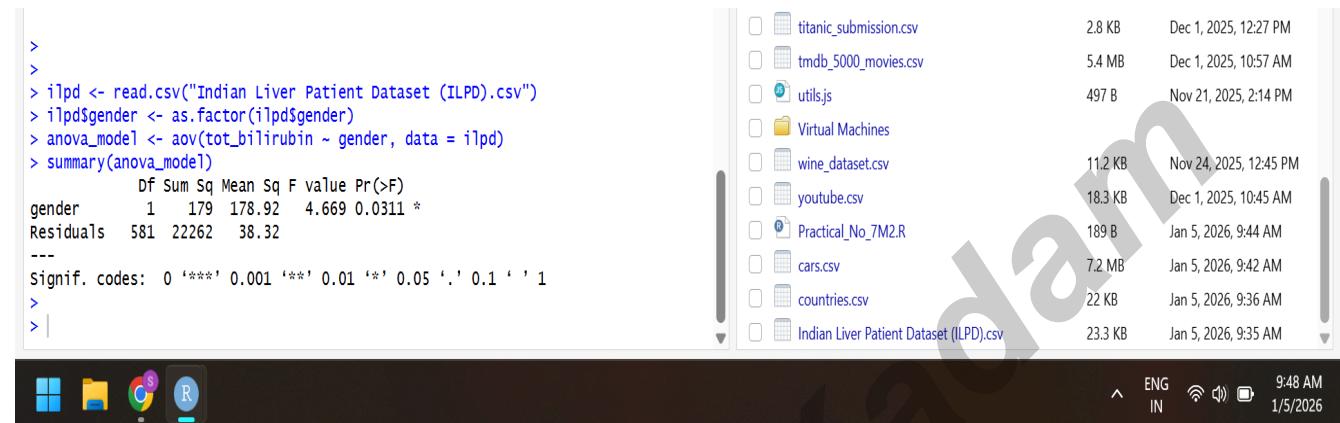


Sheth L.U.J. And Sir M.V. College

Performing one-way ANOVA using aov() (R).

Output:-



A screenshot of a Windows desktop environment. At the top, there's a taskbar with icons for File Explorer, Google Chrome, and RStudio. The RStudio window is open, showing R code and its output. The output shows the loading of the 'ilpd' dataset, creating a factor 'gender', fitting an ANOVA model, and displaying the summary results. The summary table includes columns for Df, Sum Sq, Mean Sq, F value, Pr(>F), and Signif. codes. The RStudio interface also shows a file browser on the right side.

```
>  
>  
> ilpd <- read.csv("Indian Liver Patient Dataset (ILPD).csv")  
> ilpd$gender <- as.factor(ilpd$gender)  
> anova_model <- aov(tot_bilirubin ~ gender, data = ilpd)  
> summary(anova_model)  
          Df Sum Sq Mean Sq F value Pr(>F)  
gender       1    179   178.92  4.669  0.0311 *  
Residuals  581  22262    38.32  
---  
Signif. codes:  0 '***' 0.001 '**' 0.01 '*' 0.05 '.' 0.1 ' ' 1  
>  
> |
```

	titanic_submission.csv	2.8 KB	Dec 1, 2025, 12:27 PM
	tmdb_5000_movies.csv	5.4 MB	Dec 1, 2025, 10:57 AM
	utils.js	497 B	Nov 21, 2025, 2:14 PM
	Virtual Machines	11.2 KB	Nov 24, 2025, 12:45 PM
	wine_dataset.csv	18.3 KB	Dec 1, 2025, 10:45 AM
	youtube.csv	189 B	Jan 5, 2026, 9:44 AM
	Practical_No_7M2.R	7.2 MB	Jan 5, 2026, 9:42 AM
	cars.csv	22 KB	Jan 5, 2026, 9:36 AM
	countries.csv	23.3 KB	Jan 5, 2026, 9:35 AM
	Indian Liver Patient Dataset (ILPD).csv		

At the bottom right of the screen, there are system status icons for battery level, signal strength, and date/time (1/5/2026, 9:48 AM). The language setting is ENG IN.

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Roll No. S083

Subject:- Data Analysis With SAS / SPSS / R