612415196 Warfade Krishna Vijay’s Assignment 2

25-05-2025

Q1.Create a dataframe containing Employee Name, Department, DA and TA with the record of 8 employees.

Table <- data.frame(Employee\_Name = c("Ravi", "Raju", "Arnav",  
 "Prasad","Robert", "Ishan",  
 "Patrick", "Rohan"),  
 Department = c("Maths", "Physics", "Chemistry",  
 "Water", "Food", "Coding",  
 "Cleanliness", "Security"),  
 Salary = c(1000,2000, 3000, 4000, 5000, 6000, 7000,  
 8000),  
 DA = c(23, 43, 65, 58, 96, 30, 75, 44),  
 TA = c(2, 1, 4, 5, 6, 3, 2, 7))  
View(Table)

knitr::kable(Table)

| Employee\_Name | Department | Salary | DA | TA |
| --- | --- | --- | --- | --- |
| Ravi | Maths | 1000 | 23 | 2 |
| Raju | Physics | 2000 | 43 | 1 |
| Arnav | Chemistry | 3000 | 65 | 4 |
| Prasad | Water | 4000 | 58 | 5 |
| Robert | Food | 5000 | 96 | 6 |
| Ishan | Coding | 6000 | 30 | 3 |
| Patrick | Cleanliness | 7000 | 75 | 2 |
| Rohan | Security | 8000 | 44 | 7 |

Q2.Add 2 rows to the existing table and find the dimension of new table.

New\_Table <- rbind(Table, c("Atharva", "Computer", 8700, 56, 9),  
 c("Aryan", "OS", 6800, 46, 8))  
View(New\_Table)  
dim(New\_Table)

## [1] 10 5

knitr::kable(New\_Table)

| Employee\_Name | Department | Salary | DA | TA |
| --- | --- | --- | --- | --- |
| Ravi | Maths | 1000 | 23 | 2 |
| Raju | Physics | 2000 | 43 | 1 |
| Arnav | Chemistry | 3000 | 65 | 4 |
| Prasad | Water | 4000 | 58 | 5 |
| Robert | Food | 5000 | 96 | 6 |
| Ishan | Coding | 6000 | 30 | 3 |
| Patrick | Cleanliness | 7000 | 75 | 2 |
| Rohan | Security | 8000 | 44 | 7 |
| Atharva | Computer | 8700 | 56 | 9 |
| Aryan | OS | 6800 | 46 | 8 |