EXPERIMENT NO 2

Code :

```
# Load necessary library
library(dplyr)

# Sample dataset with missing values
data <- data.frame(
  ID = 1:5,
  Age = c(25, NA, 30, NA, 40),
  Salary = c(50000, 60000, NA, 45000, NA)
)

# Print original data
print("Original Data:")
print(data)
```

```
  ID Age Salary
1  1  25  50000
2  2  NA  60000
3  3  30     NA
4  4  NA  45000
5  5  40     NA
```

```
# Data Imputation: Filling NA values with mean of respective columns
data_cleaned <- data %>%
  mutate(
    Age = ifelse(is.na(Age), mean(Age, na.rm = TRUE), Age),
    Salary = ifelse(is.na(Salary), mean(Salary, na.rm = TRUE), Salary)
  )

# Print cleaned data
print("Cleaned Data:")
```

[1] "Cleaned Data:"

```
print(data_cleaned)
```

	ID	Age	Salary
1	1	25.00000	50000.00
2	2	31.66667	60000.00
3	3	30.00000	51666.67
4	4	31.66667	45000.00
5	5	40.00000	51666.67