Exercise 2

Use Dataset: Data.csv

Q.1 check missing values

Q.2 Fill NA values with appropriate values.

Q.3 Convert TV size in inches

Q.4 Label TV size in small (10,20), medium (21,30), and large (31,40).

Q.5 Create Age column from DOB

Q.6 Create Age Category:

- Infants (1 month to 1 year)
- Children (1 year through 12 years)
- Teenagers (13 years through 17 years)
- Adults (18 years to 65 years)
- Older adults (65 and older)

Q.7 Filter records outside this DOB range 1960 to 2023.

Q.8 Remove duplicate records

Q.9 Take 20 samples from each age category