1. Using the seq () function, generate the sequence 2, 5, 8, 11.
2. Generate all the prime numbers within 100
3. Generate the sequence  9, 18, 27, 36, 45, 54, 63, 72, 81, 90
4. What’s the output for seq(from = -10, to = 10, length.out = 5)
5. What’s the output for below R code

X <- 1

1:X-1

1. Generate a backward sequence from  5, 4, 3, 2, 1
2. Assign  x <- c(1, 2, 3, 4)

Using the rep() function generate the sequence:

1, 1, 1, 2, 2, 2, 3, 3, 3, 4, 4, 4

1. If X <- c (22,3,7,NA,NA,67) what will be the output for the R statement length(x)

1. If X = c(34,33,65,37,89,NA,43,NA,11,NA,23,NA) then what will count the number of occurrences of NA in X?
2. Consider the following vector A <- c (33, 21, 12, NA, 7, 8) .

Write some R code that will calculate the mean of A without the missing value.

1. Consider a vector:

x <- c(4,6,5,7,10,9,4,15)

What is the value of:

c(4,6,5,7,10,9,4,15) < 7

1. Consider two vectors:

p <- c (3, 5, 6, 8)

and

q <- c (3, 3, 3)

What is the value of: p+q

**Using rpivotTable (please share the findings supported by respective visualization)**

1. In IPL match, identify under which season (2016 or 2017), more runs have been scored.
2. Which player has received more man of the matches award
3. On what occasion, team has won more, fielding first or batting first
4. In 2008, which team was the most luckiest in winning the toss
5. Compare and analyze Kohli and Dhoni’s batting performance at every quarter of 20-20 match
6. What’s the favorite decision of the team after winning toss
7. Which team has hosted more matches with finite results

**Using tidyverse filter (Please share the code)**

1. Identify number of matches where win by run difference is more than 100
2. How many matches were played on Tamil new year / Vishu / Bisu overall
3. How many matches were played in the month of April for 2017 season?