

## UCS538 - Data Science Fundamentals

### Assignment 3

1. Create two vectors as  $A = (23, 34, 56, 3, 0, 0)$  and  $B = ("c", "b", "a")$
2. Generate the sequences as  $1:n$ ,  $m:n$  and by a difference of 0.6.
3. Divide the range 1 to 50 in 10 equal intervals.
4. Print the pattern 3, 4, 5 five times.
5. Generate 8 random numbers.
6. Create a vector as  $C = (2, 3, 4, 5, 6, 7)$  and add it to vector A in question 1.
7. Add  $D = (6, 7)$  to A.
8. Write a statement to find the square root of each number in C.
9. Find the length of A, B, C above.