Data Analytics

Session 4 – Foundational R Programming - II

**Assignment – 4.1**

**1). Introduction**

This assignment will help you to understand the key concepts learnt in this session.

**2). Objective**

This assignment will test your skills on foundational R programming – Writing Function.

**3). Prerequisite**

Not Applicable

**4). Associated Data Files**

Not Applicable

**5). Problem Statement**

df1 = data.frame(CustId = c(1:6), Product = c(rep("TV", 3), rep("Radio", 3)))

df2 = data.frame(CustId = c(2, 4, 6), State = c(rep("Texas", 2), rep("NYC", 1)))

df1 #left table

df2 #right table

For the above given data frames and tables perform the following operations:

1. Return only the rows in which the left table have match

df1=data.frame(CustID=c(4:6), Product=c(rep("Radio", 3)))

df1

df1=data.frame(CustID=c(1:3), Product=c(rep("TV", 3)))

df1

2. Return all rows from both tables, join records from the left which have matching keys in the right table.

df2 = data.frame(CustId = c(2, 4, 6), State = c(rep("Texas", 2), rep("NYC", 1)))

df2

**6). Expected Output**

Not Applicable