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| **Lab Exercise 10 – October 2021** | | | | | | | |  | |
| Programme | | : | BTech | Semester | : | FS 2021-22 | | | |
| Course Title | | : | Foundations of Data Analytics | Code | : | 3505 | | | |
| Class Nbr(s) | : | CH2020211001158 | | | |
| Faculty(s) | | : | Dr. B. Radhika Selvamani | Slot |  | L33+L34 | | | |
| Date | | : | 11/20/2021 |  |  |  | | | |
| **Introduction Data Tables**  **Question A** | | | | | | | | |  |
| **Q.No.** | **Question Description** | | | | | | **Marks** | | | |  |
|  | For a die the probability of occurance of each value is 1/6.  Let there be a double die.  Create a vector of all possible outcomes of throwing two dies.  For eg.,  1 ,1  1,2  1,3…..  Create a table which shows the sum of the two dies and the probability of getting all possible sums starting from 2 till 12.  (Hint: Prob of 1,2 = Prob of 1 \* Prob 2.  Suppose the probability of | | | | | | **5** | | | |  |
| 2. | A lucky draw organized by Company A has the following rules   1. If three consecutive numbers are even the player looses Rs.1000 2. If three consecutive numbers are odd the player looses Rs.1000   For a given sequence of numbers, findout how much the player has lost or gained at the end. | | | | | | 5 | | | |  |