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| **Lab Exercise 7 – 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 | | : | 10/4/2021 |  |  |  | | | |
| **Introduction Data Tables**  **Question A** | | | | | | | | |  |
| **Q.No.** | **Question Description** | | | | | | **Marks** | | | |  |
|  | The data file has yearwise crop production in tons for the various countries.  For the given the table change the column name for the years from 2004-05, 2005-06 … to 2005, 2006 ….2012 | | | | | | **5** | | | |  |
| 2. | Create new column mean, which provides the average crop production over all years. Select the top 5 crops in production. (You may refer to https://dplyr.tidyverse.org/reference/top\_n.html) | | | | | | 2 | | | |  |
| 3. | Draw a line plot for the crop production for the year 2006. The crop should be the x axis and the crop value has to be the y axis. | | | | | | 3 | | | |  |
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