**Lovely Professional University**

**Academic Task Type: CA-2**

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| **Course Code: INT233** | **Course Name: Data Visualization** |  |
| **Section: K22YP** |  | **Max Marks: 30** |

**(Attempt all Questions, Captions with valid explanations/analysis will carry marks)**

**Each Question carries 6 Marks**

Q. Perform the following operations on “P1-UK-Bank-Customers”

1. Display the sum of the balance , job classification wise and region wise in the form of graph and also create the interactive filter for both job classification and region
2. Divide the Date Joined field into the three fields showing day in one field and month in the second and year(last two digits) in the 3rd field . Display the same in the table
3. Display the top N names on the basis of the sum of the balance by creating the parameters for the same. Do the necessary formatting in the balance values
4. Display the surname in the capital letters and in another column display the last 3 letters of each surname using suitable functions
5. Create the line chart displaying the sum of age and sum of balance , ‘date joined ‘ wise in the same graph(dual axis).use different colors to show both the trends