

CA-C24L: DATA ANALYTICS-LAB

- 1. Demonstrate CONDITIONAL FORMATTING, IF, COUNTIF, SUMIF, AVERAGE functions in Excel Spreadsheet.**
- 2. Demonstrate VLOOKUP, HLOOKUP, COUNT, COUNTA, CONCAT functions in Excel Spreadsheet.**
- 3. Demonstrate LEFT, MID, RIGHT, LEN, SUBSTITUTE, SEARCH functions in Excel Spreadsheet.**
- 4. Demonstrate TODAY, NOW, YEAR, MONTH, NETWORKDAYS functions in Excel Spreadsheet.**
- 5. Demonstrate INDEX, MATCH, UNIQUE, ISNUMBER, EOMONTH functions in Excel Spreadsheet.**
- 6. Write a python program to compute simple probability and application of probability to real life problems - Normal Distribution (plot a graph).**
- 7. Write a python program for applications of probability to real life problems-Poisson Distribution.**
- 8. Write a program in python for 2 applications of probability to real life problems - to compute Binomial Distribution and plot a graph for Exponential Distribution.**
- 9. Write a python program for Test of significance: T-Test: one sample, two independent samples and paired.**
- 10. Introduction to Power BI- Get Started with Power BI - Sign up for Power BI - Overview: Power BI data sources - Connect to a SaaS solution - Upload a local CSV file - Connect to Excel data that can be refreshed - Create a Report with Visualizations.**