

**SYMBIOSIS INSTITUTE OF TECHNOLOGY, PUNE**

**Symbiosis International (Deemed University)**

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**Founder: Prof. Dr. S. B. Mujumdar, M. Sc., Ph. D. (Awarded Padma Bhushan and Padma Shri by President of India)**



**Assignment No. 14**

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| **Subject:** | Software Tools for Computer Science Engineering (STCS) |
| **Name of Student** | **Almaan Hadwani** |
| **PRN No.** | **24070122021** |
| **Branch** | CSE A1 |
| **Academic Year &**  **Semester** | 2024-2025 & Semester 1 |
| **Date of Performance** | **29/11/2024** |
| **Title of Assignment:** | To study the histogram by using MS-Excel tool. |
| **Theory**   1. A histogram is a graphical representation of data distribution, where data is grouped into bins or intervals. The x-axis represents the variable, and the y-axis shows the frequency or count of data points within each bin. It helps visualize the shape, spread, and central tendency of the data. | |
| **Output** | |
| **Conclusion**  In conclusion, histograms are valuable tools for understanding data distribution. They provide a clear visual representation of how data is spread across different ranges, helping identify patterns, trends, and outliers. Histograms are widely used in data analysis for their simplicity and effectiveness in summarizing large datasets. | |

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