EXCEL FOR
DATA ANALYTICS

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**Empowering Learners in Computer Science &
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INDEX

INTRODUCTION TO EXCEL

- Microsoft Excel is a powerful spreadsheet software developed by Microsoft, part of the Microsoft Office suite (now also available as part of Microsoft 365).
- It is used for organizing, analyzing, and visualizing data in tabular form.
- Excel allows users to create spreadsheets with multiple worksheets, perform complex calculations, generate charts and graphs, and automate tasks through macros and formulas.

FEATURES OF EXCEL

1. Workbooks and Worksheets:

- Excel organizes data in workbooks, which contain multiple worksheets.
- Each worksheet is made up of rows and columns forming a grid where data is entered.

2. Formulas and Functions:

- Excel supports a wide range of formulas and functions to perform calculations on data

3. Data Analysis Tools:

- Excel provides tools such as PivotTables, Conditional Formatting, and Data Validation to analyze and interpret data effectively.