

## BRIEF SUMMARY

Data Analyst with strong foundation in SQL, Excel, Tableau, and Python. Skilled in exploratory analysis, trend identification, and deriving actionable insights from real-world data to support decision-making.

## KEY EXPERTISE

Python MySQL Power Bi Power Query Tableau Microsoft Excel Apache Hive Microsoft PowerPoint  
Microsoft Word Google Colab Microsoft Teams Machine Learning Leadership Attention to Detail  
Analytical Problem Solving Data Visualization Statistics

## EDUCATION

|                                                                                                                               |             |
|-------------------------------------------------------------------------------------------------------------------------------|-------------|
| <b>University Institute of Engineering and Technology</b><br>B.E. - Electronics & Communication Engineering   CGPA: 8.16 / 10 | 2022 - 2026 |
| <b>Bharat Mata Saraswati Bal Mandir Narela Delhi, Narela</b><br>12 <sup>th</sup>   CBSE   Percentage: 91.80 / 100             | 2022        |
| <b>40601- Gateway Intl School Sector-11 Sonapat Haryana, Sonipat</b><br>10 <sup>th</sup>   CBSE   Percentage: 95 / 100        | 2020        |

## INTERNSHIPS

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| <b>Semi Conductor Laboratory, Mohali</b><br>Intern<br><b>Key Skills:</b> Microsoft Excel Microsoft Word Microsoft Power Point Statistics<br><ul style="list-style-type: none"><li>Analyzed ellipsometry data of thin film thickness across golden wafers using statistical and variance-based methods.</li><li>Utilized Microsoft Excel for data cleaning, normalization, and repeated measurement analysis across multiple wafers.</li><li>Validated the repeatability and reliability of the ellipsometer tool through quantitative comparison of variance profiles.</li></ul> | 12 Jun, 2025 - 09 Jul, 2025 |
| <b>Unified Mentor</b><br>Data Analyst Intern<br><b>Key Skills:</b> Python MySQL Tableau Microsoft Excel<br><ul style="list-style-type: none"><li>Completed a 4-week data analytics internship using Microsoft Excel, SQL, Python, and Tableau on real-world datasets.</li><li>Analyzed data to extract trends, patterns, and performance insights.</li><li>Created interactive dashboards and reports to present key metrics and business outcomes.</li></ul>                                                                                                                    | 20 Apr, 2025 - 20 May, 2025 |

## PROJECTS

### Walmart Sales Analysis

**Key Skills:** SQL MySQL Microsoft Excel

**Project Link:** <https://github.com/nandininehra7/Walmart-Sales-Analysis>

- Built and queried a structured database to analyze store performance and customer behavior.
- Engineered time-based features to identify peak sales periods and trends.
- Used SQL to segment products, assess profitability, and evaluate tax and customer impacts.
- Delivered insights to optimize sales strategies and improve branch-level efficiency.

### Credit Card Customer Segmentation

**Key Skills:** Python Sklearn Machine Learning

**Project Link:** <https://github.com/nandininehra7/Customer-Segmentation->

- Performed clustering on customer credit card data using K-Means to identify distinct spending segments.
- Preprocessed and scaled features to enhance clustering performance and interpretation.

- Analyzed key indicators like balance, purchases, and credit limit to define behavioral patterns.
- Interpreted cluster results to support targeted marketing and personalized financial strategies.

## Video Game Sales Dashboard

**Key Skills:** Tableau Data Visualization Exploratory Data Analysis

**Project Link:** <https://github.com/nandininehra7/Video-Games-Sales-Analysis---Tableau?tab=readme-ov-file>

- Created an interactive Tableau dashboard analyzing global video game sales from 1980–2020.
- Visualized trends by genre, platform, year, and publisher across 11,000+ titles.
- Identified top-performing genres like Action and Sports, with Nintendo leading in sales.
- Used tree maps, bar, area, and bubble charts to highlight market patterns and shifts

## ASSESSMENTS / CERTIFICATIONS

### IBM Introduction to Data Analytics

**Key Skills:** Data Analysis Data Collection Apache Hive Data Cleansing Data Warehousing

- Gained foundational knowledge of the data analytics lifecycle, including data collection, cleaning, analysis, and interpretation.
- Explored key analytical techniques such as descriptive statistics, data visualization, and basic data modeling concepts.

### Introduction to Data Analysis using Microsoft Excel

**Key Skills:** Data Analysis Microsoft Excel Excel Formulas Data Manipulation Pivot Tables and Charts

- Developed foundational skills in data analytics using Microsoft Excel for data cleaning, exploration, and summary statistics.
- Applied Excel-based techniques to analyze real-world datasets, identify trends, and support data-driven decision making.

### FinTech: Foundations, Payments, and Regulations

**Key Skills:**

Financial Regulations Technology Strategies Credit/Debit Card Processing Financial Services Consumer Behavior

- Gained a comprehensive understanding of the FinTech ecosystem, including digital payments and banking innovations.
- Studied credit card networks, transaction processing systems, and their role in shaping modern electronic payment infrastructure.

### Master Data Storytelling for B2B & B2C Sales

**Key Skills:**

Sales Presentation Customer Insights Customer Relationship Management ( CRM) Salesforce B2B & B2C Sales

- Learned techniques to present data-driven insights through compelling narratives tailored to business audiences.
- Gained skills to bridge the gap between analytics and sales strategy for both B2B and B2C environments.

### Six Sigma Principles

**Key Skills:** Six Sigma Methodology Business Process Team Management Lean Manufacturing Process Improvement

- Introduced to the fundamentals of Six Sigma methodology and process improvement.
- Learned basic concepts of DMAIC, waste reduction, and quality management in business operations.

## POSITIONS OF RESPONSIBILITY

### IEEE Women in Engineering Chairperson

- Led and coordinated initiatives to promote gender diversity, technical empowerment, and leadership among women in engineering.
- Organized workshops, speaker sessions, and panel discussions featuring industry professionals to inspire and upskill members.
- Oversaw team operations, managed event planning, and ensured effective communication among volunteers and university faculty.

### PR & Marketing Head of Mitra, UIET

- Led publicity and outreach efforts for major events, including coordinating the Blood Donation Camp.
- Built partnerships and increased community engagement through targeted promotional strategies.
- Collaborated with team members to organize social initiatives like old age home visits and awareness drives.

### Decor Head Goonj (Techno-Cultural Fest of UIET)

- Led the planning and execution of décor themes for Goonj, the university's annual techno-cultural fest.
- Supervised a team to design and install venue-specific decorations within tight deadlines.
- Managed logistics, budgeting, and material sourcing to ensure cohesive and engaging setups

## WEB LINKS

- o Github - <https://github.com/nandininehra7>
- o Personal - [https://datascienceportfol.io/Nandini\\_Nehra](https://datascienceportfol.io/Nandini_Nehra)