Dhruv Bhatnagar

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EDUCATION

B.Tech. in Mechanical Engineering *Netaji Subhas University Of Technology*	7.84 CGPA	2019 – 2023 Dwarka, Delhi
Diploma Course in German *St. Stephens College , Delhi University*	65.66 %	2018 – 2020 North Campus, Delhi
Certificate Course in German *Ramjas College , Delhi University*	81.33 %	2017 – 2018 North Campus, Delhi
CBSE (Class XII) *Kamal Model Sr. Sec. School*	80.00 %	2017 New Delhi

PROJECTS

Engineering College Decision Dashboard [PowerBI] ⧉
- Constructed an interactive **Power BI Dashboard** to help students in choosing engineering college in India.
- Established **visual college rankings** based on key parameters like Faculty quality, Graduation Outcome, and Placements to make informed decisions about their education.

HR-Analytics [Power BI] ⧉
- Employed **Power Query** for **data cleaning** and constructed an **HR Analytics Dashboard** to analyze employee attrition, incorporating factors such as job roles, tenure, salary levels, and education.
- Introduced actionable insights into **attrition trends** for HR professionals to effectively manage and reduce employee attrition.

Revenue Insights in Hospitality Domain [PowerBI] ⧉
- Constructed an interactive **Power BI dashboard** for revenue trend analysis in Hotel Bookings, integrating diverse data with **Power Query** data transformations.
- Adapted advanced analytics to explore room types, pricing strategies, and revenue relationships, while creating insightful **DAX metrics**.

Exploratory Data Analysis(EDA) on Zomato Dataset [Python | Pandas | NumPy | Matplotlib | Seaborn] ⧉
- Analyzed restaurant distribution across cities and cuisines while exploring pricing, ratings, and customer interactions, contributing to an enhanced understanding of the dining landscape.
- Utilized **pandas**, **numpy**, **matplotlib**, and **seaborn** to aggregate & visualize data, identifying critical business insights that were delivered to restaurant owners & customers, enhancing informed decision-making.

Music Store Database Analysis [SQL | PostgreSQL | PgAdmin4] ⧉
- Extracted data from 11 interconnected tables in the music store database using **SQL JOINS**, employing **PostgreSQL** as the database and **PgAdmin4** as a tool.
- Analyzed sales trends, popular genres, and customer behaviors, and employed Advanced SQL queries, including Common Table Expressions (CTE), to extract valuable insights.

TECHNICAL SKILLS

- Business Intelligence Tool: **PowerBI, Tableau**
- Languages: **SQL, Python**
- Databases: **MySQL, MongoDB**
- **Advanced Excel** including Lookups, Pivot Tables, Data Visualization, Macros
- Libraries: **NumPy, Pandas, Matplotlib, Seaborn**

KEY SKILLS

Statistical Data Analysis | Data Modeling | Data Extraction | Data Cleaning | Process Improvement | Data Visualization | A/B Testing | Business Decision Making | Dashboard Creation and Reporting | Stakeholder Management | Ad-hoc Analysis | Business Intelligence | Critical Thinking & Problem-Solving

CERTIFICATIONS

- Data-Driven Decisions with Power BI by Knowledge Accelerators ⧉
- Data Visualization and Communication with Tableau by Duke University ⧉
- Excel Skills for Business: Advanced by Macquarie University ⧉