

Awadhesh Pratap Singh

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Objective

Motivated and detail-oriented Computer Science Engineering student with a strong foundation in data analysis, data visualization, and statistical tools. Proficient in Python, Excel, SQL, and Power BI. Seeking an entry-level Data Analyst or Business Analyst role to apply analytical and problem-solving skills in a dynamic organization focused on data-driven decision-making..

Education

- B.Tech in Computer Science and Engineering** , Sept 2022 – June 2026
RR Institute of Modern Technology (AKTU, U.P.)
- CGPA: 8.5/10
- Intermediate (Class XII)**, Apr 2019 – Mar 2020
Gyan Sthali Residential School, Etawah (CBSE Board)
- Percentage: 81.2%

Projects

Financial Fraud Detection in Online Transactions Tools: Python, Excel, Power BI

- Conducted detailed analysis of online transaction data to identify patterns and potential fraud indicators without machine learning.
- Cleaned and transformed raw data in Excel; used Python (Pandas, NumPy) for EDA.
- Created an interactive Power BI dashboard to visualize transaction trends and flag anomalies.
- Delivered insights to simulate real-time fraud detection scenarios using logical rule-based conditions.

Amazon Sales Analysis Tools: Excel, Power BI

- Analyzed Amazon e-commerce sales data to identify trends in product category performance, region-wise sales, and seasonal fluctuations.
- Used Excel for data preprocessing, aggregation, and pivot-based analysis.
- Developed Power BI visualizations to monitor KPIs like total revenue, profit margin, top-performing products, and monthly growth.
- Derived business insights for inventory management and strategic marketing decisions.

Road Accident Analysis in India Tools: Python, Power BI

- Analyzed traffic accident data from Indian roads to identify high-risk zones and major causes.
- Performed data cleaning, wrangling, and visual exploration using Python libraries (Pandas, Matplotlib).
- Developed a Power BI dashboard to represent accident trends across states, time periods, and reasons.
- Suggested actionable insights for improving road safety based on findings.

Other Projects:

- Sales Analysis for Coffee Shop
- Student Mark Management System (Console-based)
- Restaurant Listing Website for Lucknow

Technical Skills

- **Programming Languages:** Python, SQL, Java, C
- **Data Analysis:** Pandas, NumPy, Matplotlib, Seaborn, Excel (Pivot Tables, VLOOKUP, Charts)
- **Data Visualization:** Power BI, Matplotlib, Excel Dashboards
- **Database Management:** MySQL
- **Tools & Platforms:** Power BI, Jupyter Notebook, PyCharm, Git, VS Code
- **Web Technologies:** HTML, CSS
- **Soft Skills:** Problem Solving, Critical Thinking, Communication, Team Collaboration

Certifications

- **Become a Data Analyst: A Step-by-Step Guide** – PW Skills
- **Introduction to Data Analytics** – Simplilearn
- **Basic Java Development Internship** – Internpedia (Virtual)
- **Excel for Data Analysis** – Simplilearn
- **Power BI Essential Training** – Skill Course
- **SQL (Basic)** — *HackerRank*

Workshops

- **Ethical Hacking and Android Development**
Netcamp Solutions Private Limited, Softpro India Computer Technology Private Limited
Gained knowledge in fundamental security principles, penetration testing, and mobile application security through Ethical Hacking. Additionally, gained hands-on experience in Android app development, focusing on mobile application design, functionality, and security.
- **Python Development**
Softpro India Computer Technology Private Limited
Gained hands-on experience in Python scripting, data manipulation, and automation, along with its applications in various fields.