PIYUSH VERMA

ELECTRONICS AND INSTRUMENTATION ENGINEERING

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SUMMARY

- Electronics and Instrumentation Engineering student with industry experience, skilled in data analysis using Excel, Power BI, and Python. Strong academic record with a CGPA of 9.68 from NIT Nagaland, and proven leadership in organizing events and volunteering. Proficient in SQL, Python, and database management, with a focus on problem-solving and critical thinking.

TECHNICAL SKILLS

- **Programming Languages:** Python, C
- **Python Libraries:** Numpy, Pandas, Matplotlib, Scipy, Seaborn etc.
- **Data Analysis Tools:** Excel, SQL, Tableau, Power BI
- **Database Management:** SQL, MYSQL, NoSQL, MongoDB
- **Operating Systems:** Windows, Linux
- **Other Skills:** Algorithm Design & Analysis

RELEVANT PROJECTS

Cricket dashboard

- The project utilizes Excel to build an interactive cricket dashboard that tracks key performance indicators such as player stats, team performance, and match outcomes.
- It involves creating dynamic charts and graphs to visualize historical data, trends, and comparisons, providing insights into player and team performance over seasons.
- The dashboard helps users analyze patterns and make informed predictions about future matches, enhancing their overall engagement with the Cricket.

Sales Analysis

- The project involves utilizing Power BI in conjunction with SQL to create a sales analysis dashboard, providing real-time insights into sales performance and trends.
- It includes the development of interactive visualizations and reports to analyze key metrics such as revenue, customer behavior, and product performance.
- The dashboard helps users identify sales patterns, forecast future sales, and make data-driven business decisions to optimize sales strategies.

Netflix Data Analysis

- The project focuses on analyzing Netflix data using Python, leveraging libraries like Pandas, Matplotlib, and Seaborn to explore and visualize trends in viewership, genres, and content ratings.
- It involves cleaning, processing, and analyzing large datasets to uncover insights into user preferences, popular shows, and seasonal trends in content consumption.
- The analysis enables users to make data-driven recommendations, predict viewing patterns, and enhance content strategy based on audience behavior and preferences.

Multiple projects using Python, MYSQL, PowerBI, MS Excel.

EDUCATION

Bachelor of Technology, NIT Nagaland 2021 - 2025
CGPA: 9.68

Intermediate 2019 – 2020
Jawahar Navodaya Vidyalaya, Mitauli- Kheri
Percentage: 93.6%

High School 2017 – 2018
Jawahar Navodaya Vidyalaya, Mitauli- Kheri
Percentage: 91.6%

ADDITIONAL INFORMATION

- **Languages:** English, Hindi, Odia
- **Hobbies:** Chess, Yoga, Photography, Programming
- **Strengths:** Problem Solving, Critical thinking, Leadership, Data Analysis
- **Volunteered:** General secretary (Literary & Arts Club), Organized multiple cultural expo and events in college, Volunteer in college Techfest- "Ekarikthin"