

ROHIT BAHUGUNA

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EDUCATION

G. B. Pant Institute of Engineering & Technology

Bachelor of Technology

Major in Electronics and Communication

Pauri Garhwal, Uttarakhand

Expected June 2024

Percent: 73.81%

Relevant Coursework: C, C++, Mathematics, Data Structure, OOPs, Python, IoT, Web Technology and Computer Networks.

STRENGTH

Programming

JavaScript, Python, SQL, Pandas, NumPy, and Matplotlib.

Visualization

Microsoft Access, Microsoft Excel, Tableau, Power BI, Looker and SQL Workbench.

Tools

Visual Studio Code, Git, and AWS

Database

MySQL, Oracle.

Soft Skills

Excellent Verbal and Written Communication, Leadership, and Team worker.

WORK EXPERIENCE

TRAINITY

Data Analytics Intern

Remote

Jan, 2023 – Mar, 2023

- Deployed advanced SQL querying techniques to efficiently **extract, transform, and load** heterogeneous data from multiple sources into the database, ensuring data integrity and accessibility for analytical purposes.
- Utilized **SQL, Microsoft Excel**, and **data visualization** tools to analyze extensive datasets, produce compelling reports, and drive strategic decision-making.
- Built **Tableau dashboard** and **PowerPoint Presentations** to visualize core business KPIs for manual reporting work.

PROJECTS

STATISTICAL ANALYSIS USING EXCEL

Jan, 2023

- Evaluated sample data set using **outlier analysis, boxplots, V-lookup, Chi-square, Normal and T-Distribution**.

DEMOGRAPHIC DATA ANALYZER ([Project Link](#))

Dec, 2023

- Utilized Python's **Pandas** library to analyze demographic data from a CSV file, ensuring 98% accuracy of calculated values through rigorous unit tests.
- Applying advanced group by, filtering, and aggregation functions** to identified key demographic trend.
- Conducted analysis on race distribution, average age of men, percentage of Bachelor's degrees, and income based on education and work hours, uncovering insights into income disparities, education-income correlation, and global income inequality, enhancing understanding by 65%.

INTERNATIONAL DEBT ANALYSIS ([Link](#))

April 2024

- Conducted thorough analysis of international debt data sourced from The World Bank using **SQL queries** in **SQL Workbench**, resulting in the **identification of critical financial trends**.
- Extracted actionable insights** including total debt amounts, debt distribution among 124 countries, average debt across multiple indicators, and pinpointed the top debtor nation.

ZOMATO DASHBOARD ([Project Link](#))

May, 2024

- Cleaned the data set using **Microsoft Excel**.
- Uploaded the data to **PowerBI** and added the relevant columns needed for enriched **Visualization**.
- Created new measures like **sale_values, order_count**, etc., and also the **rank table** using **DAX queries**.
- Created the visuals utilizing the **card, line charts, and bar graphs** and Implemented filters based on diverse criteria such as cities, years, and categories.

ACTIVITIES

- Qualified the **GATE 2024** Examination.
- Achieved 5 star for **Python** and **SQL** proficiency at **HackerRank** Platform.
- Led a team at the national Hackathon at Roorkee, honing my executive presence, leadership, presentation and interaction skills to drive our project to success.
- Contributed to **Team Everest (NGO)** by crafting engaging stories and interactive activities for children, enhancing educational outreach and impacting over 1000 young minds.