

RISHAB MENON

TECHNICAL SKILLS

Programming: Python, R, SQL, Advanced Excel, Apache Hive

Visualization: Tableau, Power BI, Excel Charts, Jupyter Notebook

Database: Microsoft SQL Server, MySQL, PostgreSQL, Data Mapping

Libraries: Pandas, NumPy, Matplotlib

Developer Tools: Git, Docker, VS Code, Visual Studio, Apache Spark, MS Office

EXPERIENCE

Data Analytics and Visualization Job Simulation

March 2024 - April 2024

*Accenture**Delhi*

- Analyzed and **visualized** 7 diverse datasets using advanced **Excel** functions to identify content trends and patterns, informed strategic marketing decisions, resulting in a 20% increase in conversion rates.
- Communicated Key Findings through Engaging **video presentation** to communicate key insights for the client and internal stakeholders.
- Consulted a hypothetical social media client, optimizing their digital strategy for enhanced performance.

Healthcare & AI Analytics Intern

July 2023 - August 2023

*Panacea Infosec Pvt Ltd**Delhi*

- Developed a highly accurate AI model for head fracture detection in CT scans, utilizing computer vision algorithms.
- Constructed an interactive **dashboard** demonstrating a 70% improvement in success probability compared to previous methods.
- Leveraged **Python** to load and visualize data using **charts**, allowing for the examination of prediction rates.
- Utilized **regression** and **machine learning** to produce a final model with an accuracy of 88%

Data Analytics Intern

June 2023 - July 2023

*IBM**Noida, UP*

- Utilized **Python & SQL** for comprehensive data analysis, generating actionable insights for improved decision-making.
- Interpreted data analysis to streamline workflows by **15%**, leading to increased productivity within the team.
- Collaborated with a team to design and implement a data-driven solution that streamlined workflows by **35%**, increasing team productivity.

PROJECTS

Decoding COVID-19 Impact/ *SQL Server / MySQL*

March 2024

- Created **window functions** to uncover global trends in infection and death rates.
- Calculated location-specific death percentages for severity assessment through **aggregation** and **filtering**.
- Identified countries with the highest infection rates relative to population.
- Analyzed population-vaccination rate relationships using **Common Table Expressions (CTEs)**

Real-Time sales Insights Dashboard */Power BI, Python, Excel*

April 2024

- Leveraged **Python Pandas** for data cleaning and preparation and create an interactive **Power BI** Dashboard.
- Implemented advanced **Excel** formulas (**XLOOKUP, Conditional Formatting**) to check data quality and empower insightful Power BI visualizations.
- Enhanced sales team decision-making by providing clear visualizations of **revenue trends** and **sales quantity**.

CERTIFICATIONS

- Career Essentials in Business Analysis by Microsoft
- Accenture - Data Analytics and Visualization Job Simulation

[Credentials](#)[Credentials](#)

EDUCATION

SRM University

B. Tech CSE: Data Science and Artificial Intelligence

Delhi NCR

Aug. 2020 – April 2024