RITIK KUMAR

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PROFESSIONAL SUMMARY

Data Analyst with expertise in financial data analysis, statistical modeling, and developing insights-driven visualizations and reports. Proficient in collecting, cleaning, and interpreting complex data sets, with a strong foundation in Power BI, MS Access, and advanced Excel. Experienced in providing accurate forecasts and KPI tracking to drive strategic decision-making. Known for a meticulous approach to data accuracy and adept at working cross-functionally to support effective business decisions.

EDUCATION

Rutgers Business School - Newark, NJ   **December 2024**
Master of IT & Analytics

- Relevant Coursework: **Data Analytics**, **Business Intelligence**, Software Development, **Financial Data Management**, Data Analysis and **Visualization**, Information Security, Data Mining, Machine Learning, **Business Forecasting**, Data Privacy
- Current GPA**: 3.602**

Punjab Technical University
Ludhiana, India   **August 2022**
Bachelor of Technology in Computer Science Engineering

- Graduated with a GPA of **3.2**

EXPERIENCE

TASK US INDIA PVT LTD   **2022 - 2023**
Fraud Insight Analyst
Mohali, India

- Conducted data collection and analysis using SQL and Python to optimize fraud detection processes, achieving a 15% reduction in risk exposure.
- Developed interactive Power BI dashboards for tracking key performance indicators and financial metrics, enhancing visibility into operational and economic trends.
- Identified and corrected data discrepancies through detailed analysis, maintaining data accuracy and supporting decision-making for cross-functional teams.
- Automated reporting processes to reduce manual effort, enabling faster and more accurate financial data insights.

SKILLS & CERTIFICATIONS

Technical Skills:

- **Programming Languages:** Python, R, C++
- **Data Management & Analysis**: SQL, Alteryx (basic proficiency), MS Access
- **Data Visualization**: Power BI, Tableau, MS Excel (Advanced)
- **Additional Skills**: Financial Data Analysis, KPI Development, Dashboard Reporting, Statistical Modeling, Time Management, Business Decision Support

Certifications:

- Google Analytics, Advanced Certificate in Business & Data Analytics
- Intermediate knowledge of **Machine Learning** and **Statistical Modeling Techniques**

ACADEMIC PROJECTS

Forecasting Median Home Sale Prices in NJ- R Programming Project   **2024**
Led a forecasting project using R, applying predictive modeling and time series analysis to deliver insights for financial decision-making.

Data Analysis and Visualization Course - Air Pollution Analysis Project **2024**

Developed Tableau dashboards to analyze and visualize regional air pollution data, demonstrating data storytelling and trend identification proficiency.

Uber Trip Analysis in New York City- Data Science Project   **2019**
Cleaned and analyzed large datasets using SQL and Python, increasing data accuracy by 40% and creating reporting tools to support effective business decision-making.

ADDITIONAL INFORMATION

- Fluent in English and Hindi
- Skilled in communicating complex data insights to non-technical stakeholders, enhancing cross-functional collaboration and data-driven culture
- Familiar with financial reporting requirements and data privacy standards