Ritik Yadav

Data Analysis

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SUMMARY

Analytical and detail-oriented Data Analyst with hands-on experience in **data analysis, visualization, and modeling** using **Python (Pandas, NumPy, Matplotlib) and Excel**. Completed projects such as **Credit Card Analysis** and **Startup Funding Case Study**, demonstrating the ability to extract actionable insights, identify trends, and provide data-driven recommendations. Skilled in data cleaning, exploration, and visualization to support business decisions. Passionate about leveraging data to drive growth, improve decision-making, and deliver measurable business value.

KEY SKILLS

• **Data Analysis** • **Stakeholder Management** • **Project Management** • **Quality Assurance**
• **Data Mining** • **Leadership & Training** • **Process Improvement** • **Team Incubation** • **Data Visualization**

TECHNICAL SKILLS

Tools/Languages: Python, NumPy, Pandas, Matplotlib, Seaborn ,SQL

Data Visualization: Power BI/ Tableau

Cloud: Amazon AWS,

Database: MySQL

MS Excel (Advance)

EDUCATION

B-Tech in Computer Science Engineering

IES University [Sep '23 - Sep '27]

Bhopal,M.P, IN

I have successfully completed an Advanced Certification in Data Science from upGrad.

- **Course Modules:**
    - Data Analysis using SQL | Introduction to Python | Introduction to Machine Learning and Linear Regression
    - Time Series Analysis | Credit Card Case Study | Statistical Analysis
    - Business Problem Assignment | Problem Solving

Bihar School Examination Board

P.R College [Apr '20 - Mar '22]

Sonpur, Bihar , IN

- Secured 70%

KEY PROJECTS

Domain: Credit Risk Analysis | Tech Stack: Python | EDA | Aug '2025
- **Objective:** Explore credit dataset to understand customer behavior and identify factors affecting loan repayment or default.
- **Solution:** Performed data cleaning, handled outliers, conducted univariate and bivariate analysis to identify key risk factors.
- **Key Achievement:** Identified high-risk and safe customer segments, providing actionable insights for loan approval strategies.

Domain: Startup Funding Analysis | Tech Stack: Excel | Case Study | Sep '2025
- **Objective:** Help Spark Funds identify the best investment type and countries for $5–15M funding rounds in English-speaking markets.
- **Solution:** Cleaned, merged, and analyzed datasets using VLOOKUP, Pivot Tables, and Charts; performed funding type, country, and sector analysis.

- **Key Achievement:** Recommended **VENTURE funding** and identified **USA, UK, and India** as top countries, guiding strategic investment decisions.

PROFESSIONAL EXPERIENCE

Data Analysis & Data Mining

- Conducted **deep-dive statistical analysis** and **predictive modeling** to understand patterns and trends.
- Analyzed customer behavior and created **interactive reports** to improve decision-making and business outcomes.
- Applied **data visualization and data mining techniques** to present actionable insights.
- Identified the impact of changes in business strategy on **customer acquisition, retention, and engagement**.

Data Processing & Transformation

- **Cleaned, organized, and transformed datasets** for analysis using Python and Excel.
- Built **dashboards, Pivot Tables, and charts** to visualize key metrics and KPIs.
- Supported **business initiatives and project decisions** through structured data handling and reporting.

Strategy & Decision Support

- Assisted in identifying **key trends, risk factors, and opportunities** to guide strategic decisions.
- Evaluated datasets to provide recommendations for **investment, product, or marketing strategies**.

Report Generation & Troubleshooting

- Generated **insightful reports** and visualizations to support project conclusions.
- Ensured **data accuracy, quality, and consistency** in all reports and dashboards.
- Documented **analysis methodology** and trained peers in best practices for data handling and visualization.

CERTIFICATIONS

- **Advanced Data Science Certification with Soft Skills Training** | upGrad

ADDITIONAL INFORMATION

- **Technical Skills:** Core Java, basic DSA, Jupyter Notebook, MySQL, Google Sheets, Vs Code
- **Languages:** English (Fluent), Hindi (Native)