



AKANKSHA SHRIVASTAVA

Data Analyst

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FIND ME ONLINE

🌐 LinkedIn

<https://www.linkedin.com/in/akanksha-shrivastava-64ab9b242/>

🌐 GitHub

<https://github.com/Akankshu13>

SKILLS

Advanced Excel ·
VBA Programming · Power BI ·
SQL · Tableau · Python · Numpy ·
Pandas · Seaborn · Matplotlib ·
Scikit-learn · Supervised ML ·
Unsupervised ML · NLP ·
Model Evaluation ·
Machine Learning ·
Feature Engineering ·
Jupyter Notebook · Anaconda ·
GitHub · Kaggle · Pycharm · ETL ·
Clustering · Vlookup ·
Data Science · Data Visualization ·
Decision trees · Data Cleaning ·
Exploratory Data Analysis ·
CRM Software · Macros ·
Pivot Tables · Predictive Modeling ·
Report Writing ·
Microsoft Power Point & Word ·
Communication · DAX ·
Presentation

CERTIFICATION

Certified by Top Mentor at
Master in Data Science.

Certified by GreatLearning
at Data Analysis using
Excel.

SUMMARY

Passionate and skilled data analyst with a strong background in data analysis and data science and proficiency in Excel. I have created VBA macros and automation scripts to improve efficiency. Utilizes advanced Excel functions and Power BI for dynamic data visualization. Proficient in Python, machine learning techniques, and data preprocessing to gain actionable insights. Dedicated to enhancing strategic planning and accuracy in predictive modeling. Capable of analyzing large datasets, recognizing trends, and supporting decision-making processes. I am committed to utilizing data to drive insights and operational efficiency.

EXPERIENCE

Business Analyst 04/2024

Dough One Sources Delhi/Hybrid

- Developed VBA macros and automation scripts to streamline data processing, report generation, and repetitive tasks in Excel, resulting in a 20% increase in efficiency
- Leveraged advanced Excel functions, including IF, VLOOKUP, and pivot tables, to analyze data, extract actionable insights, and create a dynamic dashboard using Power BI, facilitating a 30% improvement in data visualization efficiency
- Proficient in creating detailed reports and providing actionable insights to support decision-making.

Data Science Intern 10/2023 - 11/2023

Meri Skill Noida, Remote

- Analyzed and interpreted data to provide actionable insights for informed decision-making, resulting in a 10% improvement in strategic planning effectiveness
- Proficient in Python, data preprocessing, and data visualization for actionable insights

Data Science Intern 07/2023 - 09/2023

Viharatech Hyderabad, Remote

- Utilized "supervised" and "unsupervised" machine learning techniques such as decision trees, k-nearest neighbors, and clustering algorithms to uncover patterns and insights in diverse datasets, resulting in a 25% improvement in predictive modeling accuracy.
- Proficient in Python, data preprocessing, and data visualization for actionable insights, contributing to a 25% improvement in data analysis efficiency.

Data Analyst 06/2022 - 06/2023

Epikso India Pvt Ltd Noida, Remote

- Utilized advanced data analysis techniques to interpret complex datasets, providing actionable insights that led to a 15% increase in sales performance.
- Developed and maintained interactive dashboards using Power BI, enabling real-time data visualization and informed decision-making.

Data Analyst 01/2018 - 03/2020

iEnergizer Noida

- Analyzed large energy consumption datasets to identify efficiency opportunities, contributing to a 10% reduction in operational costs.
- Enabled a {15%} reduction in energy costs by developing customized Power BI reports and dashboards to track usage patterns.

CERTIFICATION

Certified by Top Mentor at Python with Data Analysis.

Certified by Top Mentor at Power BI.

Certified by Simplilearn at SQL for Data Science.

EDUCATION

Bachelor of Engineering in Computer Science 07/2013 - 07/2017

Malwa Institute of Technology & Management (RGVP University)

Gwalior, MP

- Bachelor of Engineering in Computer Science
- CGPA: 6.9/10.0

PROJECTS

Financial Dashboard Creation

Developed a financial dashboard to analyze two months of account transactions, enhancing financial visibility and decision-making. This can similarly benefit your organization by providing clear, actionable insights.

- Created an interactive Power BI dashboard from two months of account data, cleaned with Excel.
- Visualized top 5 withdrawals and deposits, daily average withdrawals, weekly deposit sums, daily withdrawal sums, transaction dates, transaction frequency, and average withdrawal and deposit amounts.
- **Key Skills: Excel, Power BI**

HR Analytics Dashboard

- Designed an HR Analytics Dashboard, improving HR decision-making by analyzing 1400+ employee data points.
- Developed an interactive Employee Attrition Dashboard in Power BI to improve retention strategies.
- Utilized data from multiple sources to create interactive visualizations and reports, resulting in a 15% increase in employee retention and a 20% improvement in recruitment efficiency.
- **Key Skills: Exploratory Data Analysis, Feature Engineering, Data Visualization, Power BI.**

Comprehensive Excel User Form for Streamlined Data Management

- Developed a comprehensive User Form in Excel, connecting 8 sheets (Enquiry, Working Employee, Holiday, Resign, Leave, Transfer, Penalty, and Permission) for streamlined data management.
- Features included multi-page layout, document and photo management, comprehensive data operations (Add, Search, Insert, Delete, Reset), Print and Print Preview capabilities, unified data handling, list box integration, and a date picker control.
- This project significantly improved the efficiency and organization of employee records and related data.
- **Key Skills: Advance Excel, VBA Coding, Macros**

Credit Card Fraud Analysis

- Reduced fraudulent transactions by {15%} by developing a predictive Machine Learning model for a financial company.
- Achieved a 99% accuracy rate in Credit Card Fraud Analysis project using machine learning algorithms, validated through AUC ROC curve Analysis.
- **Key Skills: Python, EDA, Machine Learning.**

Email Spam Classifier using NLP

- Developed an Email Spam Classifier leveraging machine learning algorithms, NLP techniques, and word cloud visualization, achieving an Impressive 98% accuracy.
- Implemented advanced preprocessing methods and model optimization strategies, resulting in a 25% reduction in false positives.
- **Key Skills: Data Visualization, Exploratory Data Analysis, Feature Engineering, NLP.**