

ASHISH KUMAR

DATA ANALYST | DATA VISUALIZATION & INSIGHT GENERATION

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SUMMARY

Detail-oriented and analytical Data Analyst with strong skills in Python, data visualization, and machine learning, including hands-on experience with Decision Tree Regressors for predictive modeling. Adept at translating complex datasets into actionable insights that support strategic decision-making and process improvement. Proven ability to manage data pipelines, perform exploratory data analysis, and ensure data quality. Also experienced in automation testing using Selenium, contributing to efficient and error-free product development.

TECHNICAL SKILLS

- Languages: Python, Java, SQL, Scikit-Learn
- Libraries: Pandas, NumPy, Matplotlib, Seaborn
- Tools: Power BI, Selenium WebDriver, CI/CD Pipeline, JIRA, GitHub, Jenkins, Git, DAX Query
- Methodologies & Concepts: Agile Methodology, STLC/SDLC, Machine Learning (Decision Tree Regressor), Data Structure and Algorithm, Data Analysis

PROJECTS

Insurance Data Analysis - Link

- Performed EDA and built a Decision Tree Regressor model on insurance data to predict charges. Extracted insights on age, BMI, smoking habits, and dependents, and evaluated model performance using MAE to identify optimal tree size.

E-commerce Data Analysis - Link

- Appreciated by Microsoft Power Platform on LinkedIn, this project showcases an end-to-end analysis of an e-commerce dataset using Python for data cleaning and exploration, and Power BI for interactive dashboarding and insights.

Employee Performance Analysis - Link

- This Python project allows you to collect, analyze, and visualize employee performance based on tasks completed and ratings.

Trump Tariff Analysis - Link

- This project analyzes US import and export trade data, identifying the top trading partners, calculating export-to-import ratios, and visualizing key patterns with bar and pie charts. Built for hands-on data analysis practice using Python.

WORK EXPERIENCE

Freelance Data Analyst / Technical Consultant,

Dec, 2023 - Mar, 2025

RIB Investments And Infra Developers

Location - Remote

- Analyzed business and customer data to support lead generation and improve outreach strategy.
- Created dashboards and reports using Power BI, Excel, and SQL for internal decision-making.
- Automated reporting and data-cleaning processes using Python and Pandas.

- Collaborated directly with business stakeholders to align data work with operational needs.
- Received a formal experience letter and provided ongoing support on demand.

Product Validation Engineer, GreyOrange

Aug, 2022 - Apr, 2023

Location - Gurugram

- Deploy and validate the latest builds using agile methodology.
- Resolve issues occurring at the client's end.
- Automate test cases using Selenium and Python and reduced defects by 20%.
- Recognized with the Spirit award for outstanding performance.
- Created an end-to-end automation tool (Tower-Automation) for testing, reducing testing time by half.

Virus Positive Technologies Pvt Ltd

Dec, 2020 - Jun, 2021

Location - Gurugram

- Conducted detailed manual and automated testing to ensure software quality, leading to a 15% reduction in post-release bugs.
- Created and maintained comprehensive test cases, test plans, and defect tracking reports using tools like JIRA
- Collaborated with cross-functional teams to define, develop, and implement quality assurance standards and best practices. Resolve issues occurring at the client's end.
- Performed root cause analysis and provided actionable insights to improve product performance, user experience, and reliability.

ADDITIONAL INFORMATION

- **Languages: English, Hindi, Spanish.**
- **Certifications:**
 1. SQL (Intermediate) - HackerRank
 2. Intro to Machine Learning - Kaggle
 3. Oracle SQL Explorer Badge
 4. Legacy Python- Free Code Camp.
- **Awards/Activities: Spirit Award (2022) for Exceptional Performance - GreyOrange**

EDUCATION

- **Bachelor of Technology in Computer Science**
Krishna Institute of Engineering and Technology, Ghaziabad
- **12th - CISCE(ICSE/ISC), English**
Lucknow Public School, Lucknow
- **10th - CISCE(ICSE/ISC), English**
Lucknow Public School, Lucknow