

Ankit Choudhary

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Profile

Data Analyst skilled in Python, SQL, Power BI, and Excel with experience in ESG disclosures research, trend analysis, and anomaly detection. Strong understanding of ESG frameworks (AAA–CCC, SASB, TCFD) and hands-on automation using Python (Pandas) for data quality diagnostics. Experienced in NLP/LLM-based text extraction, ESG data modeling, and workflow/SOP optimization. Fast learner with strong communication and collaboration skills, focused on delivering high-quality ESG insights Experienced in supporting ESG data operations through scalable data collection workflows, quality rules automation, and integration with downstream data pipelines.

Education

Shree L. R. Tiwari College of Engineering, B.Tech in Computer Science Aug. 2023 - Present

- Among the top 15% of the batch
- **Coursework:** Data Structures, Object-Oriented Programming, Database Management.

Yashodham High School & Jr. College, 12th in Science Math/Bio HSC June 2020 - Feb 2022

- Grade B

Experience

TCS, Virtual Internship June 2024

- Achieved 95% task completion in CyberSecurity Analyst Job Simulation by applying core security frameworks.
- Mastered Identity and Access Management concepts with 90% proficiency, ensuring secure access controls.
- Implemented project workflows and actively engaged in stakeholder communication to meet requirements.
- Delivered automation-focused solutions, improving data reliability and operational stability in simulated environments.
- Contributed to business analysis and process re-engineering initiatives to enhance data quality, operational efficiency, and methodology alignment.

Projects

Stock Prediction Price github.com/StockPrediction

- Automated end-to-end data processing workflows in Python, reducing manual effort by 40%.
- Developed process automation pipelines with quality checks, minimizing data inconsistencies.
- Delivered predictions with 93.8% confidence (e.g., 94.25 vs 92.56) and generated clear BUY/SELL signals..
- Tools: • Utilized HTML, CSS, JavaScript, Python (Neural Network, Random Forest, Linear Regression), Chart.js for interactive outputs.

Data-Driven Market Insights with MSCI Analysis! github.com/-MSCI

- Analyzed MSCI stock trends to support ESG-aligned investment decisions using workflow optimization and rule-based methodologies.
- Delivered meaningful data visualizations and summarized large dataset (e.g., Open 823.66K, Close 823.89K) of historical trends across days, months, and years, enabling data-driven decision-making.
- Applied Python (data analysis), Matplotlib/Seaborn/Numpy (visualizations), Excel (data compilation) and PowerBI dashboards for stakeholder presentations.
- Ensured methodological consistency and implemented frameworks that improved process efficiencies and operational stability.
- Worked on ESG-aligned data automation workflows and improved data quality diagnostics using Python.
- Explored NLP-driven automation for ESG disclosure extraction and Supported ESG template mapping and

translation into structured data models.

AI-Powered Stock Prediction Dashboard!

2025

- Provided real-time stock predictions and portfolio management using Artificial Intelligence.
- Delivered accurate predictions (e.g., AAPL \$198.45, 92% confidence) with automation workflows for tracking portfolio value (\$8,654.6).
- Tools: Built using HTML, CSS, JavaScript, React, Python (AI models), and Chart.js with interactive visualizations.

Certificates

- The Complete SQL Bootcamp: Go from Zero to Hero – Mar'25 (*Udemy*)
- Career Essentials in Data Analysis by Microsoft and LinkedIn – Mar'25 (*Linkedin*)
- The Complete Python Bootcamp From Zero to Hero in Python – Feb'25 (*Udemy*)
- Tata Group - Cybersecurity Analyst Job Simulation – Feb'24
- J.P. Morgan – Quantitative Research Virtual Experience (2025)

Technical Skills

Languages Tools: Python, SQL, Statistics, Excel, PowerBI, ETL, Data Visualization, AI Automation, HTML, CSS, VS Code, Visual Studio, JavaScript, Git, GitHub.

Data Visualization Techniques: Matplotlib, Seaborn, PowerBI, Excel Charts, VS Code, Visual Studio

Key Strengths: ESG Research, Data Quality Reliability, Process Automation, Workflow Optimization, Quality Checks, SOP Frameworks, Ratings Model Improvement, Project Implementation, Strategic Initiatives, Stakeholder Communication, Governance, Strong Analytical Skills, Team Collaboration, Quick Learner, Inquisitive Mindset.

Core Competencies: ESG Climate Frameworks (GRI, SASB, TCFD – basic) Data Quality | ESG Analytics | Automation (Python/SQL) Power BI | Anomaly Detection | NLP Extraction (Regex + LLM) Data Modelling | Process Optimization | Financial Markets | EDA Contextual and thematic QA development for ESG Climate data.