Ankit Kailey

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Professional Summary

Currently pursuing B.S. in Computer Science (Expected May 2027) with focus on Data Science and Machine Learning. Demonstrated ability to gather, clean, and preprocess diverse data sets, develop predictive models using statistical methods, and communicate findings to stakeholders. Completed analytical projects applying Python, SQL, and business intelligence tools to generate actionable insights. Seeking Summer 2026 Data Science internship to drive data-driven decision making in financial services.

Education

Rowan University Expected May 2027
Glassboro, NJ *Bachelor of Applied Science in Computer Science (In Progress)*

- Relevant Coursework: Machine Learning, Statistical Analysis, Database Management, Software Engineering

Relevant Project Experience

Global Tech Talent Analytics Dashboard Dec 2025 – Jan 2026
Business Intelligence & Predictive Analytics *Power BI, DAX, SQL*

- Developed two-page Power BI report consolidating diverse data sets from 200+ job postings to generate insights for strategic hiring initiatives, implementing summary-to-deep-dive workflow that reduced manual reporting time by 60%.
- Authored 12 custom DAX measures to track KPIs including Median Salary Star Rating and dual-logic compensation gauges, supporting stakeholders in data-driven decision making for competitive pay benchmarking across 8 countries.
- Designed drillthrough navigation passing multi-filter context (job title, country, schedule type) to deliver ad hoc analysis capabilities, enabling role-specific deep-dive into salary trends, geographic distribution, and remote work patterns.

Commodity Market Trends & Forecasting Analytics Mar 2025 – Apr 2025
Data Science & Statistical Modeling *Python, Pandas, Scikit-learn*

- Analyzed 10K+ commodity pricing records using statistical methods including K-Means clustering and time series forecasting to identify market trends across 12 Indian states, revealing 3 distinct behavioral clusters and optimizing pricing strategies.
- Engineered automated data preprocessing pipeline to gather, clean, and transform diverse data sources, developing custom Volatility & Stability Indexes for outlier detection that flagged 8% of records requiring investigation.
- Created animated visualizations and heatmaps using Matplotlib and Seaborn to communicate findings to stakeholders, translating complex statistical patterns into actionable insights for market timing and inventory optimization.

Technical Skills

Programming: Python (NumPy, Pandas, Scikit-learn), SQL, Java, C, C++
Data Analytics: Predictive Modeling, Statistical Analysis, Time Series Forecasting, K-Means Clustering, Regression Analysis, Hypothesis Testing
Visualization & BI: Power BI, Tableau, Matplotlib, Seaborn, Microsoft Excel (Advanced Dashboards)
Tools: Jupyter Notebook, Git, GitHub, VS Code, Google Colab
Core Competencies: Business Intelligence Reporting, Stakeholder Communication, Data Quality Management, Ad Hoc Analysis, ETL Pipeline Development, Data-Driven Decision Making

Certifications

Google Data Analytics Professional Certificate Completed 2024
Coursera *Data cleaning, SQL, R programming, Tableau, statistical analysis*

Software Engineering: Implementation and Testing Completed 2024
Hong Kong University of Science and Technology *Agile methodologies, quality assurance, software testing*

Computer Communications Specialization Completed 2024
University of Colorado System *Network protocols, data transmission, distributed systems*