Andrew Johnson

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Dear Hiring Manager,

I'm excited to apply for the Data Analyst position, as the role aligns directly with the analytical, data-driven, and documentation-focused work I've completed through my projects and internship experience. I have built end-to-end data systems—from data modeling and ETL pipelines to dashboards and business-ready insights—that closely mirror the responsibilities outlined in your job description, particularly around data accuracy, structured reporting, and cross-functional communication.

Through advanced portfolio projects, I have applied these skills in real-world analytical scenarios. In a Large-Scale Audit & Error Detection project for government operations, I analyzed over 500,000 simulated financial records using Python, SQL, and R to identify errors, inefficiencies, and financial risk, including applying anomaly detection techniques to surface high-risk transactions and quantify financial exposure. In parallel, I built a Finance & Fintech analytics project that generated and analyzed customer, account, transaction, and loan data to evaluate fraud rates, customer balances, and loan risk exposure, exporting analysis-ready datasets for Excel, Tableau, and Power BI reporting. Across both projects, I emphasized strong data cleaning, validation, documentation, and visualization practices to ensure insights were accurate, explainable, and decision-ready for non-technical stakeholders.

In my recent Data Warehouse Analytics project, I designed a PostgreSQL star-schema warehouse, built automated Python ETL jobs, and created Tableau and Power BI dashboards used to explain key sales trends and product performance. Throughout the project, I emphasized documentation, consistency, and transparency—developing clear data definitions and process structures that ensured others could easily understand and use the data. These practices translate directly to maintaining data dictionaries, mapping data processes, and supporting scalable reporting environments like the one your team manages.

During my internship, I strengthened my ability to translate technical complexity into business clarity—supporting stakeholders by presenting insights in plain language and creating repeatable reporting workflows. I also frequently identified data quality issues through systematic checks such as schema validation, duplicate detection, aggregation comparisons, and outlier analysis. My approach combines curiosity, precision, and a continuous drive to improve the reliability and usability of the data products I deliver.

I'm highly motivated to grow every day, and I bring both the technical foundation and communication skills needed to support experimentation, reporting, and cross-functional analytics at a high level. I would welcome the opportunity to contribute these capabilities to your team.

Thank you for your time and consideration. My full contact information and professional links are included below for quick access.

Sincerely,

Andrew Johnson

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