Brandon Abbott

|  |  |
| --- | --- |
| brandon.atl@icloud.com www.brandon-abbott.com (912)432-1365  Professional Summary | |
|  | SQL expert with 8+ years of expertise in business intelligence, workflow automation, and advanced analytics. Proven track record building ETL/ELT pipelines and dashboards for billion-record datasets using Google BigQuery, Snowflake, Python, and advanced SQL techniques (CTEs, window functions, optimization). Skilled at delivering highly reliable, data-driven insights that drive strategic decision-making and operational improvements, with extensive experience presenting complex analyses to C-level executives. Adept at leading cross-functional teams and translating stakeholder requirements into scalable BI solutions using Tableau, Power BI, and Google Sheets/Slides. |
| Skills | |
|  | * **SQL & Databases (8+ years):** Advanced SQL (CTEs, window functions, optimization), Google BigQuery, Snowflake, Azure SQL, MySQL * **Programming & Engineering:** Python (6+ years), Java, AI/ML, DAX, SAP HANA, AWS (S3, Lambda, API Gateway, SES, IAM), Google Sheets/Slides, Salesforce, SSIS, ETL/ELT pipelines, data modeling, automation * **Visualization & Reporting:** Tableau, Power BI, Google Sheets, Google Slides, Excel, Looker * **Methodologies:** Lean Six Sigma, Scrum, Agile, Waterfall * **Certifications:** Power BI Essentials | Python 3 | Tableau – Creating Interactive Dashboards | Data Analysis | Analyzing Business Metrics | Lean Six Sigma – Yellow Belt | SnowPro Core (COF-C02) | AWS Solutions Architect – Associate (SAA-C03) | Lean Six Sigma Green Belt (Pursuing, Expected Q3 2025) |
| Experience | |
|  | **Trulieve – Atlanta, GA (remote)** February 2024 – January 2025  *Senior Data Analyst – Insights & Analytics*   * **Large-Scale Data Pipeline Automation:** Created automated ETL pipelines processing 100M+ records daily with SQL, Python, SAP HANA, and AWS, eliminating manual processes and saving 10+ hours weekly. * **Advanced ML Data Analysis & Segmentation:** Applied advanced AI machine learning techniques (K-Means, Hierarchical Clustering) to segment customer and store personas. Improved customer acquisition and retention by 12% quarterly and reduced inventory waste by 20% through persona-driven strategies. * **Data Visualization and Dashboard Design:** Developed and optimized Power BI dashboards centralizing operational metrics like revenue trends and inventory turnover. Reduced manual reporting by 50%, driving a 5% increase in revenue and a 15% decrease in stock-outs. * **Cross-Functional Collaboration:** Partnered with marketing, operations, and executive teams to translate insights into actionable strategies. Enhanced resource utilization by 10% and improved decision-making efficiency by 25%.   **The Home Depot – Atlanta, GA (remote)** December 2020 – August 2023  *Data Analyst – Supply Chain Data Quality & Analytics*   * **Google BigQuery Implementation:** Designed SQL-based ETL pipelines in Google BigQuery processing 500M+ SKU records monthly, reducing manual effort by 80% * **Dashboard Development:** Built Tableau dashboards monitoring inventory flow across 2,000+ stores, reducing mis-ships by 25% and saving 20+ hours weekly * **Error Resolution and Process Optimization:** Automated ONT error resolution using Google BigQuery and workflow optimization, increasing ticket closure rates by 50%. * **Training and Adoption:** Conducted 50+ training sessions on Tableau and Power BI dashboards, increasing dashboard adoption by 30% and fostering a self-service analytics culture.   **Theatro Labs Inc. – Dallas, TX (hybrid)** January 2020 – May 2020  *Process Consultant – Lean Six Sigma*   * **Workflow Optimization and Process Improvement:** Applied Lean Six Sigma principles to identify inefficiencies and implement solutions, achieving a 15% increase in quarterly profits through streamlined operations. * **Strategic Analytics and Reporting:** Conducted data-driven analysis and presented actionable recommendations to C-level executives, driving cost optimization and operational savings. * **SDLC Efficiency Enhancements:** Improved Software Development Life Cycle (SDLC) processes by reducing waste and optimizing handoffs, leading to a 30% improvement in project turnover times.   **Turner Broadcasting – Atlanta, GA** July 2018 – January 2020  *Database Developer – Business Intelligence*   * **Data Warehousing and Integration:** Spearheaded ETL operations for a star-schema data warehouse, integrating diverse datasets including sales, inventory, and traffic. Reduced reporting latency by 40% through automated SQL workflows, improving data accessibility for business stakeholders. * **ETL Pipeline Automation:** Developed Python scripts to modernize data ingestion workflows, increasing pipeline efficiency, scalability, and reducing processing time by 30%. * **Business Intelligence Solutions:** Collaborated with stakeholders to define and translate business requirements into scalable, data-driven BI solutions, enhancing strategic decision-making. * **SSIS Workflow Management:** Designed, deployed, and maintained SSIS packages for complex projects, ensuring high data accuracy and consistency across multiple reporting streams. * **Cross-Functional Collaboration**: Partnered with data stewards and analysts to gather requirements, create prototypes, and deliver actionable solutions aligned with business objectives. * **SQL Database Management**: Built and maintained robust SQL databases using Azure and Snowflake, supporting relational and non-relational architectures to meet evolving business intelligence needs. * **Vendor Collaboration:** Worked with external vendors to ingest, clean, and aggregate large datasets from disparate sources, ensuring seamless data integration and report. |
| Education | |
|  | The University of Georgia – Terry College of Business – Athens, GA  **Bachelor of Business Administration** **– Management Information Systems** May 2018  **Bachelor of Business Administration – Finance & International Business** July 2018  **GPA**: 3.80/4.00 (Major); 3.40/4.00 (Cumulative)  **Awards**: Zell B. Miller Scholarship Recipient, National Honors Society  **Extracurricular Activities**: Society for Management Information Systems, International Business Society |
| Additional Experience | |
|  | **University of Georgia, EITS – Athens, GA** March 2017 – May 2018  *Business Process Consultant*   * **Process Mapping and Optimization:** Analyzed and documented over 20 business processes using BPMN, identifying inefficiencies and recommending solutions to streamline workflows. * **Project Leadership:** Coordinated cross-functional teams to implement process improvements, ensuring alignment with project goals and timelines.   **Prima Printer – Atlanta, GA** January 2016 – March 2017  *Data Analyst*   * **CRM Development and Automation:** Designed and implemented a custom CRM system, automating customer notifications and reducing order processing times by 30%. * **Data Analysis and Visualization:** Built MySQL databases and Excel-based reports for real-time analysis, enabling data-driven decision-making by management. |