BRIAN CURRAN

Data & Integration Specialist

Leander, TX | (512) 608-7362 | brian.curran22@gmail.com
linkedin.com/in/brian-curran-87124225 | github.com/bcurran2 | public.tableau.com/app/profile/brian.curran

PROFESSIONAL SUMMARY

Data and integration specialist with 4+ years owning automated data pipelines and API integrations in BigQuery, SQL, Python, and Apps Script, delivering client-ready reports and dashboards for ~8,500 locations, plus 8+ years translating customer requirements into technical scopes.

TECHNICAL SKILLS

- **Automation & integration:** Apps Script, Python, JavaScript, API / MCP integrations (AI-assisted)
- **Data & SQL:** BigQuery, SQL, PostgreSQL, ETL / data pipelines
- **BI & reporting:** Tableau, Google Sheets and Slides, Excel (VBA)

PROFESSIONAL EXPERIENCE

Energy Data Analyst *September 2022 – October 2026*

FSG Smart Buildings

- As the company's only data analyst, owned the ETL pipeline behind client reporting: ingested scheduled emailed building-system reports, cleaned and corrected them with Apps Script, and loaded them into BigQuery as the source of truth for offline-device, offline-site, bypass, setpoint, and schedule-compliance reporting. Ran weekly for 2+ years.
- Built MCP-based tools (Python, JavaScript) that pulled utility and internal-system data into BigQuery and reports, giving the team self-serve access; developed with AI-assisted tooling.
- Automated weekly, bi-weekly (multi-region), and monthly reports for two clients (~8,500 locations, ~15,000 RTUs) from BigQuery to Slides and PDF, eliminating an estimated 300–600 hours of manual reporting per year.
- Automated HVAC diagnosis from alarm data, replacing days of manual review across a multi-region portfolio.
- Built and published Tableau dashboards for clients, refreshed weekly.

Structured Cabling Estimator *February 2014 – September 2022*

BryComm

- Translated customer bid documents into scopes, takeoffs, and cost estimates per TIA and BICSI standards.
- Built VBA macros and Excel tools for the estimating process and trained peers to use them.
- Worked with vendors on pricing and lead times; ensured estimates met quality and safety standards.

PROJECTS

Building Energy Baseline Screening *BigQuery, SQL, Tableau*

- Built hourly baselines from 25M readings across ~1,600 buildings in BigQuery SQL; a data-quality check flagged 362 for meter issues. Published on Tableau Public.

EIA Electricity Price Pipeline *Python, BigQuery, dbt, GitHub Actions, Tableau, Power BI*

- Loads EIA API data into BigQuery with Python on a scheduled run, models it with dbt (staging, year-over-year mart using window functions, tests), and feeds Tableau and Power BI dashboards.

EDUCATION

AAITN, Network Administration *2013*

University of Phoenix

CERTIFICATIONS

- Google Data Analytics Professional Certificate
- Microsoft Excel Expert (Microsoft 365 Apps & Office 2019)
- Tableau Creator, Tableau
- Data Analytics Certificate Course, Break Into Tech
- SQL: Querying and Managing Data, Khan Academy