MORGAN RENNIE

Analytics and Engineering

+44 (0)7523 432 671
London, United Kingdom
morgan.a.rennie@gmail.com
Profiles: LinkedIn | Tableau | GitHub

SUMMARY

Morgan is a Data Analytics Consultant with expertise in data visualisation, ETL, and dashboard development across various industries. Recognised by Tableau for excellence in visual design, Morgan utilises tools like Tableau, Power BI, SQL, and Alteryx to deliver data-driven insights that enhance decision-making. With experience in automating processes, leading impactful projects, and living across several continents, Morgan brings a blend of technical skills and consulting expertise to solve complex data challenges.

TECHNICAL SKILLS

Visualisation, Tableau (Desktop, Server, Cloud, Prep), Microsoft Power BI, ETL/ELT, DBT, SQL (Snowflake, Oracle, MySQL, PostgreSQL), Alteryx (Designer, Server), Python, Database Engineering, GitHub, AWS, Salesforce, Excel, Data Cleansing.

EXPERIENCE

Data Analytics and Visualisation Consultant
The Information Lab, The Data School   Dec 22 - Present

- Undertook a highly competitive four-month intensive data analytics training program with one of the UK's top data analytics consultancies, followed by two years of consulting engagements across various industries (Finance, Logistics, NGO, Media, FMCG)
- Recognised and awarded Viz of the Day for exceptional data visualisation by Tableau, ranked as a top 1000 Tableau Public user in terms of public dashboard favourites.
- Produced Award winning Power BI dashboards based on survey data for a FMCG, luxury consumer brand, measuring customer purchasing attitudes and behaviours.
- Led an 8-member team to deliver four performance and insights dashboards for an international banking client, driving data-driven decision-making.
- Developed an Sustainable Development Goals (SDG) dashboard for an NGO, presented at the United Nations, showcasing the impact of data in global sustainability initiatives.

Advanced Analytics and Reporting Analyst
International Airline Group (IAG) Cargo, Logistics and Operations, 6+3 Month contract   May 23 - Present

- Built a SQL-based dataset in Oracle tracking cargo journeys through 40+ events tracked in 5 different systems through Heathrow and the warehouses, streamlining existing data to reduce data errors (from **40% to <8%**) and query runtime by **+90%**, which greatly improved operational insights and tracking accuracy.
- Developed Tableau dashboards according to visualisation best practices to monitor and analyse cargo performance, allowing stakeholders to identify inappropriate SLA's, optimise warehouse cargo assignments, highlight operational stress points, and introduced the ability to begin a root-cause analysis for performance failures.
- Presented project outcomes and dashboards at multiple stakeholder meetings, including IAG's Tech Town Hall (**80+** in attendance) and bi-monthly C-Suite steering groups, enhancing data-driven decision-making across the organisation.
- Reducing analyst incident investigation time by consolidating cross departmental information into a single self-service dashboard.

Business Intelligence Analyst
Paramount Pictures/Viacom CBS, Media and Telecom, 2x 6 Month Contracts   Apr 23 - Apr 24

- Automated data extraction into Snowflake, utilising SQL in the ELT process, reducing manual processing time by 94%, saving **0.6 FTE** annually.
- Designed a suite of Tableau dashboards that improved resource utilisation tracking and analysis, enhancing senior leadership's decision-making ability.
- Redesigned a suite of Tableau dashboards to improve user experience and utilisation of data, reducing time-to-insight and introduction of a major departmental KPI dashboard.
- Created a project management dashboard with custom SQL in Tableau, reducing senior managers' investigation time by 50%, streamlining quarterly presentations and weekly analysis, saving **1.2 FTE** annually.
- Managed and trained a team member, fostering skill development and knowledge sharing.
- Acted as a support desk technician, effectively liaising with stakeholders to capture requirements and bridge communication between end users and technical tools.

EDUCATION

BA in Finance; First Class (1st); University of Stirling, Scotland   2017-2021
Awarded Best Undergraduate Finance Dissertation:
"The Use of Sentiment Analysis in Forecasting the FTSE100"

QUALIFICATIONS/AWARDS

- Tableau Certified Data Analyst, *2023*
- Viz of the Day, *Tableau 2024*
- DBT Fundamentals, *2024*
- Alteryx Designer Advanced*, 2024 (Core, 2022)*
- Power BI Data Analyst (PL-300), *2024*
- Databricks Fundamentals, *2024*