EDUCATING • EXPLORING • EXCELLING

Next Generation Travel Ltd
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Data & Analysis Engineer

About The Role

Title: Data & Analysis Engineer

Reporting to: Finance Director

Location: Bispham (Blackpool)

Are you ready to embark on a rewarding journey with Next Generation Travel Group? We're not just another company; we're the driving force behind the UK's most exciting educational travel brands. If you're someone who thrives in a collaborative and supportive environment, then you're exactly who we're looking for.

We are looking for a skilled and results-driven **Data & Analysis Engineer** with hands-on experience in **Google BigQuery** and **Power BI** to join our data team. This hybrid role blends data engineering capabilities with analytical insight, perfect for someone who thrives on building scalable data systems and transforming complex data into meaningful business intelligence.

As part of this role, you will build, optimise and maintain robust data infrastructure, manage data pipelines, and deliver insightful dashboards and analytics to support data-driven decision-making across the organisation.

What you can expect in return

- Monday to Friday, 35 hours per week, with options to work flexibly.
- Annual salary reviews linked to performance.
- Reward and recognition programme.
- Pension scheme after a qualifying period (we'll contribute 5%).
- Access to company funded Health and Mental Wellbeing resources.
- 25 days annual leave plus bank holidays, rising by 1 day for every 5 years of service up to a maximum of 30 days.
- Up to 10 days un-paid leave can be requested (subject to approval).
- Training, development, and progression opportunities.
- Team events.
- Onsite car park and close to public transport.
- A people focused, customer centric environment with an amazing support network. We have built an exciting, energetic, and innovative culture by working together.

What will your role look like

Data Engineering:

- Design, develop, and optimise scalable data pipelines using SQL and BigQuery.
- Build, maintain and optimise data models and schemas for analytics and reporting, to support business intelligence.
- Manage and maintain data warehouses.
- Ensure data quality, reliability, and governance across all datasets.
- Integrate data from multiple sources (internal and external) into BigQuery.
- Implement data governance, data quality checks, and monitoring tools.
- Collaborate with IT team (internal & external) to maintain and evolve the cloud data architecture.
- Ensure regular audits and data cleansing is carried out.

Data Analysis & Reporting:

- Develop interactive reports and dashboards using Power BI.
- Support Group Commercial teams to analyse large datasets to uncover trends, patterns, and actionable insights.
- Develop dashboards and reports using Power BI, or Looker.
- Translate business requirements into technical solutions and analytical models.
- Communicate findings clearly to both technical and non-technical audiences.
- Translate business questions into analytical queries and insights.
- Partner with stakeholders to define KPIs, metrics, and reporting requirements.
- Perform exploratory data analysis and ad hoc reporting.

- Partner with Group Commercial teams to provide actionable recommendations based on data trends and findings. Where possible, develop machine learning techniques to identify trends and findings.

Are you the right person?

- Strong hands-on experience with Google BigQuery, including writing and optimizing complex SQL queries.
- Proven expertise in Power BI—developing dashboards, managing datasets, and using DAX (Data Glossary).
- Solid understanding of data warehousing, data modelling (star/snowflake schemas), and ETL design.
- Experience with cloud platforms (e.g., AWS, GCP, Azure) and data tools (e.g., Airflow, dbt).
- Ability to work cross-functionally and communicate complex data in a clear, actionable manner.
- Background in business analysis or working directly with finance, marketing, or product teams.
- Understanding of data modelling concepts and best practices.
- Experience working with large multi field datasets sourced from multiple sources.
- A passion for learning and developing.
- Experience in a fast-paced startup or tech environment.

Essential skills required

- 3+ years of experience in a Data Engineer, Data Analyst, or similar role.
- Experience with Google Cloud Platform services beyond BigQuery (e.g., Cloud Functions, Dataflow).
- Familiarity with version control for data code.
- Knowledge of other visualization tools (e.g., Looker, Tableau) is a plus.
- Proficiency in SQL and experience with relational databases.
- Strong programming skills in Python or Scala for data processing.
- Strong problem-solving skills and attention to detail.
- Excellent communication and collaboration skills.

If you're ready to take on a role where your ideas are valued, your efforts recognised, and your potential unleashed, then we want to hear from you. Join us in shaping the future of educational travel and be part of something extraordinary. Apply now and let's embark on this journey together!