

Alexandra Bourgeat

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// OBJECTIVE_PROFILE

Data Analyst with hands-on experience in designing, building, and automating robust ETL pipelines. Proficient in Python, SQL, and modern data warehousing solutions like Snowflake. Proven ability to translate complex business requirements into scalable and efficient data solutions, significantly improving data accuracy and reducing manual processing times. Currently enhancing technical expertise through an MSc in Computer Science with Artificial Intelligence.

// CORE_SKILLS_MATRIX

- Languages: Python (Pandas, SQLAlchemy), SQL
- Data Processing & Orchestration: Apache Spark, Apache Airflow
- Databases & Warehouses: Snowflake, Relational Databases, Amazon Redshift, Google BigQuery
- Cloud Platforms: AWS (S3, Glue), GCP, Azure
- Containerization & IaC: Docker, Terraform
- ETL & Data Pipelines: ETL/ELT Pipeline Design, Data Modelling, Data Cleansing & Transformation, Automation
- BI & Visualisation: Tableau (data source engineering)
- Tools & Technologies: REST APIs, FTP/SFTP, Git

// CHRONO_LOG: WORK_EXP

Warner Music Group – London, UK Digital Analyst | Jan 2024 – Present

- Engineered and automated end-to-end ETL pipelines using Python to ingest, transform, and load large-scale licensing and royalty datasets for business analysis.
- Architected a data ingestion workflow to process raw FTP data into a structured Snowflake data warehouse, improving data integrity and reducing manual processing by 80%.
- Developed and optimized complex SQL queries and views to create performant, reliable data models that power self-refreshing Tableau dashboards for commercial and finance teams.
- Collaborated with business stakeholders to gather requirements and translate them into technical specifications for data pipeline development and feature enhancements.

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The state51 Conspiracy Ltd – London, UK Digital Operations Manager | Oct 2022 – Jan 2024

- Developed automated data pipelines in Python and SQL to handle reporting and metadata validation, ensuring data quality and consistency across systems.

- Designed and implemented ETL workflows for third-party data, which improved data accuracy and reduced compliance-related issues by 50%.
- Applied data modelling techniques to structure disparate datasets, creating a unified source of truth that enabled robust analytics and strategic decision-making.
- Partnered with platform and content teams to establish metadata governance standards, ensuring data integrity throughout the digital supply chain.

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RATING: ADVANCED

Vision Nine – London, UK Operations & Production Assistant | May 2022 – Sep 2022

- Contributed to the optimisation of operational reporting workflows, identifying areas for data-driven efficiency improvements during large-scale events.
- Implemented data tracking methods for vendor logistics, improving the accuracy of service delivery and providing reliable data for post-event analysis.

// KEY_PROJECTS: DATA_STREAMS

Data Pipeline Automation (Warner Music Group)

- Engineered an automated ETL pipeline using Python to process, cleanse, and aggregate complex Digital Service Provider (DSP) licensing data.
- Developed complex SQL transformations to prepare datasets for Tableau, enabling crucial pre-negotiation analysis and providing interactive dashboards for internal business use.

Physical Sales Reporting Automation (state51)

- Developed a Python-based automation solution leveraging REST APIs to ingest and process sales data from physical media partners, eliminating manual data entry.
- Designed and implemented a new data model to structure the incoming data, providing actionable campaign insights that supported revenue growth.

// EDUCATION_CORE

MSc Computer Science with Artificial Intelligence (Part-Time) | March 2025 – May 2027
University of York

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BMus(Hons) Popular Music Performance | September 2020 – May 2023 BIMM University

// LANGUAGE_MODULES

- English (Fluent)
- French (Native)