

Abraham Wilson

Data Engineer

Colchester, United Kingdom

+44 7760 756669

abraham13wilson@gmail.com

linkedin.com/in/abraham-wilson

Skills

Microsoft Fabric (Lakehouse, Semantic Models, Direct Lake), Azure SQL, Data Modelling (Analytical & Semantic), ETL / ELT Pipelines, Python, SQL, Java, PowerShell, PowerBI (DAX, Semantic Models), Pandas, NumPy, Tableau, Azure DevOps, Git, CI/CD, Azure Monitor, Splunk, Databricks concepts

Summary

Data Engineer with experience building and supporting data ingestion, transformation, and analytics-ready datasets on Azure-based platforms. Currently working within Grant Thornton UK LLP's Digital Audit Team, contributing to data pipelines, documentation, cataloguing, and stakeholder-facing reporting in a regulated environment where accuracy and reliability are critical.

Comfortable working with SQL and Python, supporting operational data flows, translating requirements into practical solutions, and collaborating with non-technical stakeholders to enable self-service analytics.

Experience

Grant Thornton UK LLP / Data Engineer (Data Platforms & Fabric)

October 2025 - Present, United Kingdom

- Supported the development and operation of data ingestion and transformation pipelines on Azure-based platforms, improving reliability and consistency of analytics-ready datasets.
- Performed data discovery and source analysis, documenting datasets, ownership, and downstream usage to improve transparency and reuse across teams.
- Created and maintained clear documentation for data objects, pipeline logic, and usage notes, supporting better onboarding and self-service access.
- Developed SQL and Python transformation logic to curate structured datasets and semantic outputs for reporting and operational insights.
- Monitored data flows and addressed data issues through troubleshooting and collaboration, helping restore timely and reliable reporting.
- Worked with business stakeholders to gather requirements and deliver practical reporting outputs, improving usability and adoption.
- Exposure to Databricks-style notebook workflows for transformation logic and validation.

Grant Thornton UK LLP / Developer – Products Hub

October 2023 - October 2025, United Kingdom

- Delivered production features within structured Azure DevOps environments, supporting reliable releases and collaborative Agile delivery.
- Worked closely with product and non-technical stakeholders to clarify requirements and deliver usable technical solutions.

Grant Thornton UK LLP / Audit Administrator

July 2022 - October 2023, United Kingdom

- Delivered work under strict SLAs and procedures, coordinating with multiple stakeholders and ensuring timely completion of operational tasks.
- Acted as the primary liaison between audit teams and financial responders, proactively managing queries and resolving issues, improving stakeholder communication and operational efficiency.

Cognizant / Programmer Analyst

June 2019 - July 2021, India

- Contributed to the development of a Direct-to-Consumer web application using J2EE and portlet technologies, supporting a 21% increase in Q4 sales.
- Improved application performance and user experience using MVC architecture, JDBC, and RESTful services.
- Wrote robust, maintainable code and supported CI/CD practices using Git, SVN, reducing deployment risk and improving collaboration.
- Developed proof-of-concept cloud solutions on Microsoft Azure and Google Cloud Platform, informing scalable, production-ready designs.

Education

Queen's University Belfast / MSc Data Analytics

September 2023, United Kingdom

Rajagiri School of Engineering & Technology / BTech Computer Science

May 2019, India

Projects

EV Customer Segmentation – Energia Group

- Applied K-Means and PAM clustering to EV consumption data, generating actionable customer segments to support targeted marketing strategies.

Energy Trading Optimisation – Energia Group

- Designed a market-optimised electricity trading strategy using DAM, demand, wind, and pricing signals, improving profitability while enforcing a €50k daily loss cap.

Bird Song Recognition – Deloitte

- Applied data mining and statistical analysis techniques using R, supporting pattern identification and classification tasks.