

# BRIAN OTINA MAKAU

Data Engineer

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Dear Hiring Manager,

Throughout my career as a Data Engineer, I have played a part in delivering effective data solutions in various platforms and have used new-age tools such as AWS, Apache Kafka, Airflow, Docker, and Snowflake to bring in effective results. Practical work on the design of medallion architecture pipelines and organization of ETL complexes allows me to be an active member of a high-efficiency team such as your own.

Recently on an end to end cryptocurrency data pipeline, I constructed an automatically managed entire ETL process with Apache airflow, which imported real-time data into S3 bucket, transformed it using SQL and Python in snowflake, and created interactive dashboards in Power BI. This system promised real-time viewing and a high level of availability and at a lower cost of operation. During an earlier internship at Safra Data I had assisted in automation and performance tuning which enhanced the time taken on processing data by a margin of 25 percent.

Having worked on applied statistics and programming with thorough knowledge, and being a final-year student at Murang'a University of technology, I have integrated my academic course with practical projects, which have allowed me to gain more experience. I am also in the process of acquiring AWS Data Engineer certification as a way of enhancing my cloud Architecture.

I look forward to the chance of contributing my skills of data engineering, analytical, and ever-learning mentality to your organization. I will be glad to discuss more about how my experience can help your team.

Sincerely,  
Brian Otina