TINGYU KUO

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SUMMARY

Data/ Cloud Engineer with 5 years of experience specializing in the Azure Cloud Stack, Databricks, and Python. Expert in designing robust ETL pipelines and CI/ CD process. Proven ability to bridge business requirements with technical architecture, delivering scalable PowerBI solutions and achieving a 13x performance optimization in cloud data processing.

WORK EXPERIENCE

Data Engineer @ Finance, Postnord / Copenhagen   **Sep 2024 - Present**
- Translated complex business logic into production code while managing CI/CD release processes for seamless deployments.
- Modernized reporting architecture by re-engineering legacy logic into optimized SQL on Databricks.
- Orchestrated scalable data workflows via Azure Data Factory to ensure automated and reliable data delivery.

IT Consultant, Capgemini / Copenhagen   **Sep 2021 - Aug 2024**
Legacy Migration Project in TDC A/S
- Executed the migration of 30+ mission-critical legacy reports from T-SQL to Databricks SQL, resulting in modernized data processing standards.
- Led a dynamic QA team and engineered an automated testing pipeline using Python, significantly reducing manual testing hours and ensuring data accuracy across migrated solutions.

BI Development Project in Essity AB
- Achieved a 13x performance improvement in daily data processing by re-architecting robust ETL pipelines with PySpark, Databricks, and Azure Data Lake.
- Collaborated with analysts to deploy high-impact PowerBI reporting solutions, directly enabling data-driven strategic decisions across the organization.

BI Development Project in Nets A/S
- Engineered a fraud prevention data product currently utilized by major Danish banks, processing high-volume financial transaction data.
- Managed a massive-scale migration of TB-level data from 10+ disparate databases using Hive SQL.

Research Assistant, Tsinghua University, Beijing   **June 2018 - Apr 2019**
I participated in a joint research project in cognitive science and AI, implementing AI models with Python and authored academic paper.

Recruitment Consultant, Adecco, Taipei   **Mar 2015 - Mar 2018**
I specialized in talent recruitment and managed client relationships effectively. Earned top-performing new employee by achieving the highest sales.

EDUCATION

MSc., IT and Cognition, Copenhagen University   **Aug 2019 - Jun 2021**

BSc., Psychology, National Taiwan University   **Jan 2009 - Dec 2013**

CERTIFICATIONS
- Databricks Professional Data Engineer
- Azure Data Scientist Associate
- Azure Data Fundamental
- Azure AI Engineer Fundamental

KEY SKILLS
- Databricks, Delta table, Spark
- ETL Data Pipeline
- Azure Cloud Stack
- Python, SQL
- Git, CI/ CD