



# Qian Huang

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<https://github.com/QianNetherlands>

Data enthusiast with a Master's degree in Data Science and hands-on experience in logistics, banking, and telecommunication sectors. Proficient in **SQL(Big Query)**, **Python**, **Azure Data Factory**, **Databricks**, and **Power BI**, with strong skills in building scalable data pipelines, developing reusable data models, and integrating data from diverse sources.

## Projects

### Azure Data Factory: End-to-End Project on Covid 19

- **Extract, Load and Transform(ELT)** pipelines in **Azure Data Factory**, integrating multiple data sources, orchestrating complex workflows, and applying advanced transformation logic using **Mapping Data Flows**.
- Managed **Azure Storage solutions** including **Blob Storage**, **Data Lake Gen2**, and **Azure SQL Database**, ensuring secure access control, efficient data ingestion, and seamless integration with analytics services.
- Built and executed big data transformation workflows using **Azure Databricks and HDInsight**, leveraging Spark-based processing and integrating with ADF for automated orchestration.
- **Implemented CI/CD pipelines** in **Azure DevOps** for deploying Azure Data Factory artifacts using **YAML and PowerShell**, enabling automated, parameterized releases **across environments with Git integration**.

### DBT Project: Airbnb Case

- Built an end-to-end analytics workflow in **DBT**, transforming raw Airbnb sample data into clean, reusable **data marts** through a **layered modeling structure**.
- **Applied advanced DBT features** to manage automate tasks, and ensure **transparency** in data transformations.
- Documented **model dependencies** with **DBT exposures**, enhancing **collaboration** and clarity for **BI reporting** and cross-functional stakeholders.

## Skills

- **Programming:** Python, Object orientation programming (class), PyTorch, TensorFlow, SQL, R, HTML, CSS
- **Data Pipeline:** ETL, **DBT**, **Databricks**
- **Visualization & Reporting:** Power BI
- **Cloud Platforms:** Azure (**Microsoft Certified: Azure Fundamentals**)

## Education

- **M.Sc. Data Science and Society**, Tilburg University **2023-2024**
- **B.Sc. Public Administration**, Shanghai Ocean University **2015-2019**

## Work Experience

<b>Business Data Analyst</b>	<b>Berg van Rijk Logistics</b> Tilburg, NL	<b>Nov 2024 - June 2025</b>
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- Managed analytics for **MG car parts warehouses (22K+ monthly orders)**, building automated dashboards using **Power BI**, reducing reporting time by 35%.
- Monitored real-time KPIs for **1.1K daily shipments across 8 dashboards**, improving inventory accuracy to 99.2% and cutting processing delays by 25%.
- Analyzed and visualized daily warehouse operations using **Python, SQL(Big Query)**, and **Power BI**, providing insights on order processing efficiency and staff productivity to support management decisions.

<b>Data Scientist Intern</b>	<b>2Contact Telemarketing</b> s'Hertogenbosch, NL	<b>Jun 2023 - Dec. 2023</b>
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- Automated data preprocessing and implementation for clients (Vodafone, KPN) using **Python and SQL(Big Query)**, enabling real-time data updates and improving decision-making speed.
- Built **ETL workflows** to extract, transform, and clean large-scale raw conversation data, ensuring high-quality, structured datasets for business intelligence reporting.

<b>Corporate Account Manager</b>	<b>China Merchants Bank, Co., Ltd.</b> Shanghai, CN	<b>Nov 2019 - Mar 2022</b>
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- **Built and maintained strong client relationships**, providing tailored financial solutions and day-to-day account support.
- Performed KYC and due diligence checks to assess client risk and meet internal compliance standards.
- Used CRM systems to manage client portfolios and **streamline communication across departments**.

## Additional Information

- **Languages:** English, Mandarin, Dutch(basic).
- **Awards/Activities:** First-class People's Scholarship (2016) Academic Year, National Endeavor Scholarship (2016), Best Thesis Award (2019)
- **Work permit status:** one-year search year visa valid, after that visa sponsorship is required.
- **Interests:** Exploring outdoor activities such as skiing, climbing, and hiking as a beginner; passionate about solo trip and new experiences.