

# Pierre Zhang



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**SUMMARY: SQL · Python · Power BI** — Data Analyst with 4 years of experience automating ETL & building KPI dashboards. Renowned for delivering **99.7%+** data accuracy with rigorous validation. Proven ability to reduce manual workload and improve reporting efficiency by 50%+. Seeking to drive actionable insights within a collaborative, data-driven team.

## HIGHLIGHTS OF SKILLS

- **Programming & Data:** Python (pandas), SQL (MySQL), R (tidyverse), SAS, ETL
- **BI & Visualization:** Power BI (DAX, RLS), Tableau, Excel (VBA/Power Pivot)
- **Analytics:** Regression (OLS/Ridge/Lasso), A/B Testing, Hypothesis Testing, Clustering (k-means)
- **Business Skills:** Process Automation, Stakeholder Communication, Data Storytelling, Cross-Cultural Collaboration, Documentation, Data Governance & Ethics, Attention to Detail

## EDUCATION

B.Sc. (Hons.) Mathematics (Major), Statistics (Minor)

University of Toronto St. George | Toronto, ON, Canada

Sep 2021 – Apr 2025

## PROFESSIONAL EXPERIENCE

Data Entry Operator (Integrity and Reporting)

Ruito Trading Inc. | Mississauga, ON, Canada

Apr 2025 – Present

- Maintain **99.7%+ data integrity** across **1,050+ high-impact records per day**, reducing chargebacks by **15%**.
- **Eliminate 10+ hours/week manual uploads** by scripting an Excel-to-SQL ETL pipeline.
- Refactor KPI models (**DAX**), **halving** reporting time from 2 days to 1 day.
- Take initiative beyond standard Data Entry duties, contributing to automation and analytics workflows with **Git**.

Power BI Intern

Shandong Eagle Software Technology Co.,Ltd. | Hybrid

Sep 2024 – Dec 2024

- Built **5 end-to-end Power BI dashboards** that **accelerated financial analysis by 20%**.
- Cut reconciliation effort by **30% (from 10 to 7 hours) daily** by writing **Python** scripts and **halving** error rates.
- Secured **100% compliance** with **client data** by implementing row-level security in **Power BI**.
- Delivered weekly insights to directors, driving **3 process changes** that cut expense claim turnaround by **25%**.

Data Analyst Intern

Weihai Bank Co., Ltd. (HKEX: 9677) | Jinan, SD, China

May 2024 – Aug 2024

- Analyzed **10,000+** daily financial transactions with **SQL** and **Excel**, improving fraud detection efficiency by **20.5%**.
- Developed **3 heatmap dashboards** using **Power BI** and **SQL** to provide critical insights for risk assessment.
- Conducted data cleaning on customer datasets (**MySQL, 1.2 M+ records**), reaching **98.6%+** data accuracy.
- Conducted trend and variance analysis on monthly transaction data, informing executive-level forecasting.

## ACADEMIC PROJECTS

Project Researcher - Heart Attack Model Analysis Report

Jun 2024 – Aug 2024

- Applied multiple linear regression models (**OLS, Ridge, Lasso**), **AIC/BIC** selection, and residual diagnostics methods using **R (tidyverse, ggplot2)**.
- Analyzed heart attack risk factors with a complex multivariable dataset and examined over **1,000** possible data points from **14 health metrics**.

Project Lead & Qualitative Analyst - Campus Fridge Network

Sep 2024 – Apr 2025

[Under the supervision of MealCare.org](https://www.mealcare.org)

- Cluster-segmented demand for **60,000+ students** using **k-means clustering** with **Python**, boosting utilization by **35%** and cutting food waste by up to **25%**.

Project Researcher - Sustainability Support for Residences

Sep 2024 – Dec 2024

[Under the supervision of the University of Toronto Sustainability Office](#)

- Conducted deep research and developed a logistics model streamlining the move-out process for **10,000+ students** across **10+ residences**, cutting landfill waste by **~25%** through donation and recycling pathways.