Pierre Zhang
Analyst | Python • SQL • Tableau • Excel

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HIGHLIGHT OF SKILLS
- **Technical skills**: Azure Data Lake, Power BI, Python, R, SAS, SQL, Spark, Tableau, Excel (VBA/Pivot)
- **Analytics**: ETL, Data modelling, A/B Testing
- **Transferable skills**: Attention to Detail Stakeholder Communication, Cross-Cultural Collaboration, Innovation, Documentation Skills

EDUCATION
Honours Bachelor of Science, Major in Mathematics, Minor in Statistics

University of Toronto | Toronto, ON, Canada   **Sept 2021 - Apr 2025**

Relevant Coursework: Database Systems, Statistical Modeling, Survey Design, Mathematics

PROFESSIONAL EXPERIENCE
Data Entry Operator

Ruito Tradings INC. | Mississauga, ON, Canada   **Apr 2025 - Present**
- Process and validate *1,000 +* daily records from company's database, sustaining **≥99%** accuracy.
- Automate **Excel-to-SQL** ingestion pipeline, saving **2h/day** manual work.
- Co-standardized numerous KPI data models, cutting the reporting cycle from 2 days to 1 day.
- Take initiative beyond standard Data Entry duties, contributing to automation and analytics workflows.

Power BI Intern

Shandong Eagle Software Technology Co.,Ltd. | Hybrid   **Sept 2024 - Dec 2024**
- Boosted decision-making by creating **Power BI** dashboards, improving finance team analysis time by **20%**.
- Cut manual work by **30%** through automated scripts and reduced error rate by **5%**.
- Improved **data security** with role-based access for the company's customer.
- Presented weekly reports to the director, highlighting key insights and progress.

Data Analyst Intern

Weihai City Commercial Bank | Jinan, SD, China   **May 2024 - Aug 2024**
- Assisted in analyzing *10,000+* daily financial transactions with **SQL** and **Excel**, improving fraud detection efficiency by 20%.
- Developed dashboards using **Power BI** and **SQL** to provide critical insights for risk assessment.
- Conducted data cleaning and validation on customer datasets (*1 million+ records*), reaching **98%+** data accuracy for regulatory compliance.
- Maintained and optimized the bank's data platform which improved data accessibility by **25%**.

ACADEMIC PROJECTS
Project Researcher - Campus Fridge Network   **Sept 2024 - Apr 2025**

Under the supervision of MealCare.org
- Provided fresh food access to *60,000 students*.
- Applied statistical models (including **k-means clustering**) to optimize fridge logistics for a better sustainable community, and ensured data privacy.
- Conducted a clear map for MealCare with **GIS** and created a budget on cost.

Project Researcher - Sustainability Support for Residences   **Sept 2024 - Dec 2024**

Under the supervision of the University of Toronto Sustainability Office
- Set up a model that helps *10,000 students* across more than 10 residences to simplify their move-out process and significantly reduce campus waste.
- Showcased several innovation initiatives while utilizing specialized environmental management skills.

Project Researcher - Heart Attack Model Analysis Report   **June 2024 - Aug 2024**
- Analyzed heart attack risk factors with a complex multivariable dataset and examined over *1,000* possible data points from **14 health metrics**.
- Applied multiple linear regression models (**OLS, Ridge, Lasso**), **AIC/BIC** selection, and residual diagnostics methods during this project using **R**.