

# Weiting Xia

Business & Data Analyst dedicated to turning data into actionable business insights and measurable impact.

🌐 Washington, DC, USA (Open to Relocate)



## About

Business Analytics & AI master’s student at Johns Hopkins University with hands-on experience in SQL, Python, and dashboarding, delivering data quality, forecasting, and operational insights across Apple, MUJI, and EY.

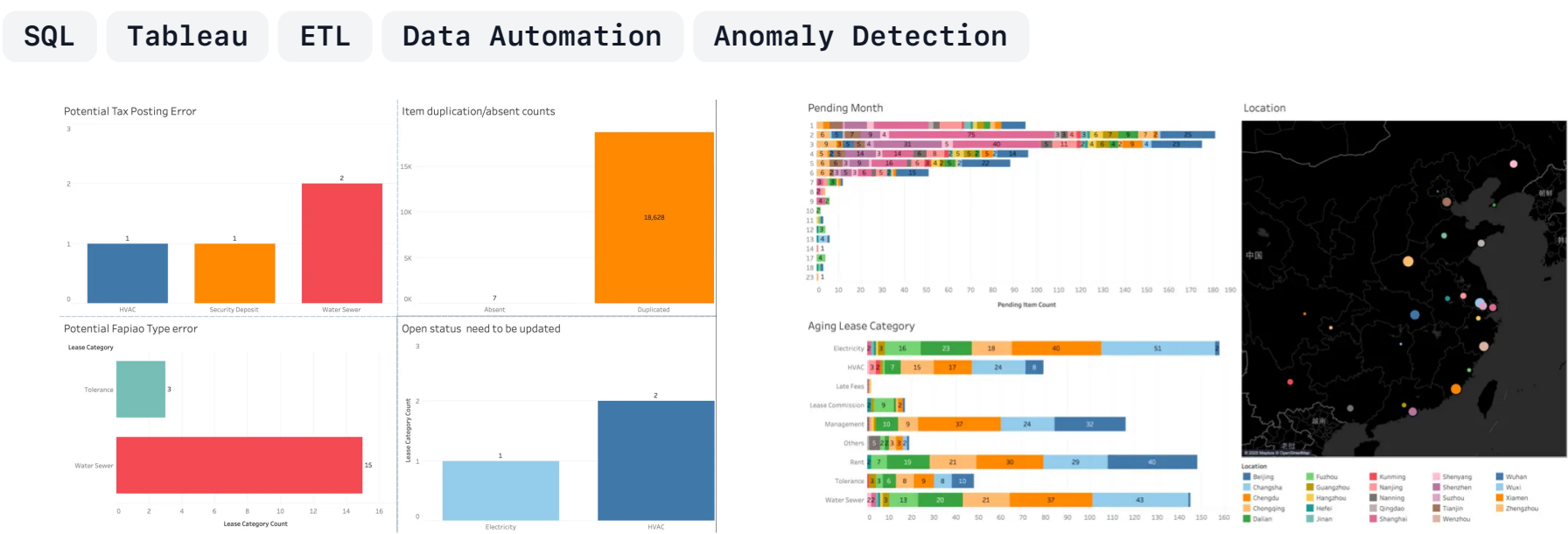
## Work Experience

### Apple Inc.

Jan 2025 - Jul 2025

#### Global Data Analyst Intern

- Developed a SQL-Based automated ETL for finance operations optimization.
- SQL ETL & Data Integration (CTEs, JOINS, Window Functions) for large-scale billing and invoice reconciliation
- Data Quality Monitoring & Anomaly Detection with automated alerts to improve finance operational accuracy
- Tableau BI Dashboards & KPI Analytics for invoice turnaround, posting performance, and stakeholder reporting



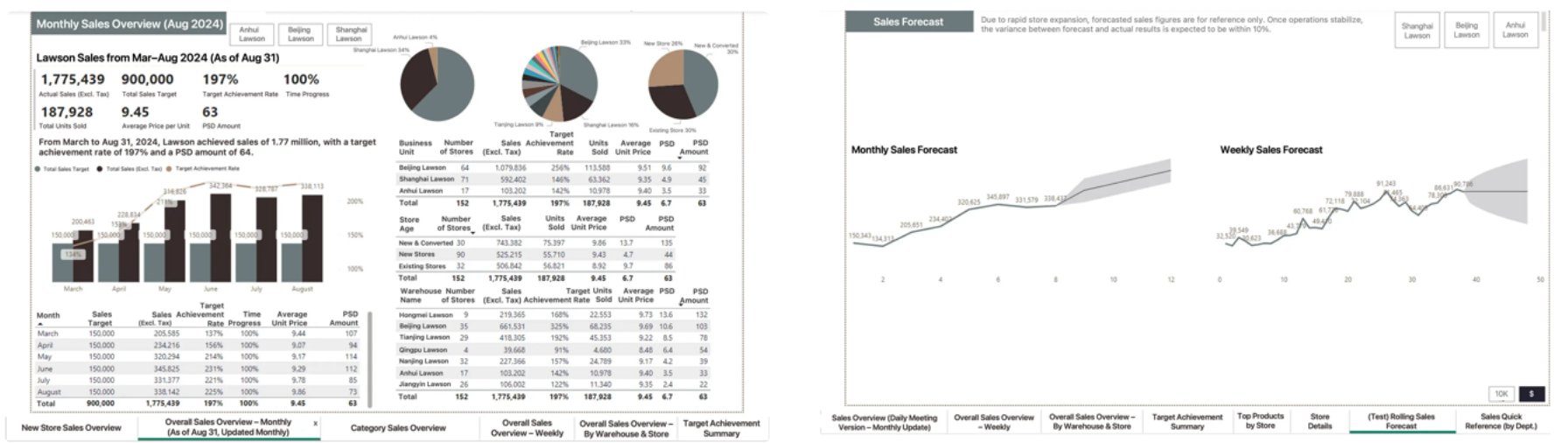
### MUJI

Jul 2024 - Dec 2024

#### Business Analyst Intern

- Developing a data forecasting model for supply chain operations.
- Built Python-based demand forecasting models (Seasonal ES) achieving 5% MAPE across 100+ products
- Automated stockout and inventory tracking using Python (Pandas) and Power BI, improving forecast accuracy to 72%
- Applied logistic regression for customer segmentation on 1K+ social data points, reducing manual analysis by 50%

Python Power BI Demand Forecasting Time Series Analysis



### EY

Apr 2024 - Jun 2024

#### Data Analyst Intern

- Delivered data quality validation and risk monitoring solutions.
- Supported data quality and risk validation using SQL rule-based checks to identify and flag risk issues.
- Automated SQL reporting pipelines with CTEs and Power BI dashboards, saving 2 hours/week in review time.
- Built Power BI dashboards for real-time fraud and AML risk monitoring.

SQL Power BI Reporting Automation Data Quality Validation

## Education

Johns Hopkins University Dean's Scholarship

2025 - 2026

Master of Science in Business Analytics and Artificial Intelligence  
GPA: 3.76/4.0

Shanghai University

2021 - 2025

Bachelor of Arts in Finance  
GPA: 3.84/4.0

## Skills

SQL Python Tableau Power BI Excel (Pivot Table, VBA Macros, Power Query) R  
Google Analytics Linear Regression Logistic Regression XGBoost A/B testing  
K-Means PCA

## Side projects

### Global Apple Repair Dashboard (Tableau) •

Integrated 160K+ global sales and repair records in Python and built Tableau dashboards to analyze return patterns, revealing that returns account for ~2% of annual sales and are concentrated in iPhone products with a clear seasonal peak in August.

Tableau Python  
Data Cleaning Trend Analysis  
Hypothesis Testing

### Inventory Optimization and Replenishment Analysis(Python) •

Conducted an inventory optimization and replenishment analysis to identify cost-saving ordering strategies, optimal purchase timing, and the financial feasibility of capacity expansion.

Python Data Cleaning  
Cost-Benefit Analysis  
Capacity Planning  
Demand Forecasting

### User Profiling Analysis (Machine Learning) •

Applied machine learning-based user profiling to analyze IdleFish's green marketing campaign, and propose targeted, incentive-driven strategies to improve engagement and support sustainable growth.

Python Logistic Regression  
PCA K-Means Clustering  
Discriminant Analysis  
Collaborative Filtering

### RedNote LandingLift A/B Test (Python) •

Conducted a Python-based A/B test for RedNote to evaluate whether a redesigned landing page could improve conversion rates from 12% to a targeted 15% prior to full launch

Python A/B Testing  
Statistical Analysis  
Hypothesis Testing