

# Shin Le

Entry-Level *Data Analyst*

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## PROFESSIONAL SUMMARY

Highly analytical Data Analyst fueled by a passion for mathematics and the power of data to ignite real-world solutions. Proficient in Python, SQL, and Tableau, I consistently deliver actionable insights—from predicting market swings to optimizing business performance and developing precise machine learning models. I'm driven to leverage data for creating tangible, strategic advantages for your team

## PROJECTS

### Behavioral & Technical Stock Price Analysis

(05/2025 - 06/2025)

- Spearheaded in-depth stock analysis of 60+ brands (2000-2025), building scalable data pipelines and engineering 20+ features with Python & SQL.
- Innovated behavior pattern detection (e.g., -16.97% "panic selling" followed by +8.93% rebound) and validated technical signals, demonstrating 85% predictive alignment with market swings.
- Designed & deployed interactive Tableau dashboards, transforming data into strategic recommendations for investment optimization.

### Superstore Performance Analysis

(04/2025 - 05/2025)

- Directed multi-dimensional Superstore performance analysis using Tableau, SQL, & Python, yielding actionable insights across key business areas.
- Identified a 19.09% peak profit margin (Q1 2017) and significant geographic profitability variations, guiding regional strategies.
- Enhanced operational efficiency by analyzing delayed shipment patterns and quantifying 5.17% Consumer segment churn risk, leading to targeted interventions.

### Car Price Prediction

(08/2023 - 12/2023)

- Developed & deployed a machine learning pipeline to predict used car prices, training & evaluating five regression algorithms on a 762K+ record dataset.
- Engineered & preprocessed a large dataset (>300K samples), handling missing values & outliers (IQR).
- Achieved an R-squared of 0.859 with Gradient Boosting Regression, quantifying feature importance (e.g., Engine Displacement ~25%) for price predictability.

## EDUCATION

**B.S. in Applied Mathematics** | Florida State University

**A.A. in Mathematics** | Indian River State College

**Certification:** [IBM Data Science Professional Certificate](#), [IBM Data Analyst Professional Certificate](#)

## EXPERIENCE

### Math Tutor | Mathnasium Learning Center

(08/2024 - 04/2025)

- Delivered personalized math tutoring to 10+ K–12 students, leading to an average 1.5-grade improvement through targeted instruction.
- Contributed to noticeable improvements in student performance and standardized test scores.

### GED Program Math Tutor | Online

(07/2022 - 01/2023)

- Guided adult learners in fundamental math principles, successfully supporting two students in passing the GED Math section.

## TOP SKILLS

**Programming & ML:** Python, Predictive Modeling, Regression, Model Evaluation, Deep Learning

**Data Management & Analysis:** SQL, Data Preprocessing, Statistical Analysis, EDA, Time Series

**Visualization & BI:** Tableau, Data Storytelling, BI, Dashboard Development

**Analytical & Strategic:** Problem Solving, Strategic Recommendations, Insight Generation, Adaptability