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

CERTIFICATIONS

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