Suleman G. Chaudhary

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EDUCATION

The Ohio State University/Max M. Fisher College of Business **Columbus, OH**
Bachelor of Science in Information Systems, GPA: (3.97/ 4.00) | Dean's List *Dec 2026*
Relevant Coursework: Business Analytics: Data Management, Statistical Techniques, Data Structures & Algorithms

SKILLS & CERTIFICATES

Data Science & Engineering: SQL, Python, R (Tidyverse), Java, GIT, ETL pipelines, API integration, data wrangling
Analytics & Machine Learning: scikit-learn, NumPy, pandas, SciPy, matplotlib, EDA, feature engineering, model evaluation, forecasting (ARIMA), data storytelling and analysis
Business Intelligence & Engineering: Tableau, Power BI, Excel (PivotTables, XLOOKUP), MySQL, BigQuery, Databricks
Certificates: Google Data Analytics Professional, AWS Certified Cloud Practitioner, Microsoft 365 Certified

PROJECTS

Predictive Sales Forecasting & Monetization Analytics (Gaming Industry BI Project) - MySQL, R, Tableau:

- Built an ETL pipeline in MySQL and R integrating ~850K game sales records from the Steam API and Kaggle datasets to identify top-performing genres, platforms, and customer segments.
- Developed ARIMA forecasting models in R projecting 3.8 % YoY growth and estimated $1.2M in potential revenue uplift from high value players.
- Designed Tableau dashboard visualizing sales trends, player retention, and monetization opportunities for stakeholders.

NBA Game Outcome Prediction (Team Lead) – Python (pandas, NumPy, scikit-learn, matplotlib):

- Led a team of four developing a machine learning web app predicting 2025–26 NBA game outcomes using data from 10,000+ historical games.
- Built a data pipeline for cleaning, feature engineering, and training linear regression models to identify factors influencing team points scored and matchup results.
- Deployed interactive visualizations on a custom website allowing users to explore team schedules, view win probabilities, and compare predicted points scored for upcoming NBA games.

Portfolio Optimization & Risk Analysis – Python (pandas, NumPy, SciPy, yfinance, FRED API, matplotlib):

- Built a Sharpe ratio Modern Portfolio Theory optimizer in Python ingesting 5-year price data for all asset tickers via yfinance and the 10-year Treasury (GS10) rate from the Federal Reserve API.
- Implemented SLSQP optimization to maximize risk adjusted returns under allocation constraints and visualized optimal portfolio weights along with a simulated one-year portfolio performance.

PROFESSIONAL EXPERIENCE

Aizen LLC **Columbus, OH**
E-Commerce Data Analyst *Mar 2022 - Present*

- Applied data driven decision making by building KPI dashboards in Excel and Tableau to track sales trends, inventory turnover, and customer retention, enabling adjustments to marketing and pricing strategies.
- Designed and executed A/B tests on product listing layouts, using statistical analysis to determine significance, which led to a 9% increase in click through rate on select product listings and increased monthly revenue.
- Wrote SQL queries to extract and segment sales and customer data from multiple sources, used Excel for pivot tables, XLOOKUP, and trend analysis to identify patterns that improved repeat purchase rate by 7%.

LEADERSHIP & PROFESSIONAL DEVELOPMENT

HackOHI/O 2025 – SeeWithYou (4th Place out of 50+ Teams) – Developed a navigation app for visually impaired users leveraging AWS Rekognition, Apple LiDAR, and AWS S3 to analyze images and deliver text-to-speech feedback describing objects, distance, and direction.

Big Data & Analytics Association – Data Science Track Lead - Led 100+ students in the Data Science & Analytics Track, teaching Python and using Kaggle for workshops on data cleaning, exploratory analysis, statistical techniques, visualization, and storytelling, with team projects showcased at the end of semester Research Gala.