Raaghul Rangaraj

DATA DRIVEN FINANCIAL DECISION MAKER

Profile

Experienced in financial consulting, business analysis, and data analytics, I combine technical expertise with business acumen. With an MBA in Information Systems and Finance, I excel in delivering innovative solutions. I am a quick learner, always eager to embrace new challenges and continuously improve my skills. My strong drive to excel and dedication to delivering exceptional results allow me to thrive in dynamic environments. Proficient in Python, SQL, Tableau, and Power BI, I am committed to leveraging my expertise to make a meaningful impact as a Financial Analyst.

Employment History

CUSTOMER RELATIONSHIP MANAGER, Bank of America, Toledo

MARCH 2024 — SEPTEMBER 2024

- Provided expert financial advice to an average of 15 customers daily, focusing on mortgage loans. Tailored recommendations based on individual financial situations, achieving a 95% customer satisfaction rate.
- Utilized Salesforce, SharePoint, and Access to manage, analyze and communicate data. Improved data retrieval efficiency by 30%, ensuring accurate and timely information for both internal teams and customers.
- Streamlined data management processes, enhancing the efficiency and accuracy of information retrieval and analysis.
- Worked closely with cross-functional teams to identify and implement improvements in customer service processes and financial consultation practices.

PROPRIETARY TRADER , Self Employed, Coimbatore

SEPTEMBER 2019 — DECEMBER 2022

- Conducted daily analysis of Indian and foreign markets by monitoring economic indicators, company reports, global events and technical analysis to make informed trading decisions.
- Executed equity day trades, Swing trades, and implemented options trading strategies based on the market condition.
- Achieved almost a 150 percent increase in long-term stock portfolio profit over three years.

JUNIOR BUSINESS ANALYST, Bharat Plastics, Coimbatore

OCTOBER 2020 — AUGUST 2021

- Led the transition from paper-based reporting to digital spreadsheets using Microsoft Excel, enabling real-time monitoring of production metrics.
- Oversaw the production of detailed quarterly business performance reports and created dashboards through Power BI, contributing to a remarkable 35% boost in productivity.
- Contributed to a 20% reduction in operational costs through the automation of manual tasks using workflow automation techniques within Microsoft Office Suite.
- Analyzed large datasets, providing key insights to support decision-making and enhance reporting accuracy across various departments. Projects .

Details

Coimbatore
India
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Links

LinkedIn

Portfolio

Skills

Financial Data Analysis

Financial Modeling

Python (Programming Language)

Pandas

Matplotlib

Extract Transform Load (ETL)

Mortgage Loans

Forecasting Skills

Tableau (Software)

Power BI

SQL

Alteryx

Predictive Modelling

Stock Markets

Market Research

Sales Trends

Strategies of Pricing

Fast Learner

Leadership Skills

Financial Consulting

Education

Master of Business Administration in Information Systems and Finance, University of Toledo, Toledo

DECEMBER 2023

Bachelor of Engineering in Instrumentation and Control Engineering, PSG College Of Technology, Coimbatore

AUGUST 2021

Projects (Hyperlinks Included)

Stock Price Prediction , Toledo

NOVEMBER 2024

- Leveraged Developed an **LSTM**-based deep learning model to predict Tesla stock closing prices using 90-day historical data.
- Pre-processed and scaled financial data using **MinMaxScaler**, achieving efficient training and testing splits.
- Visualized prediction accuracy by plotting actual vs. predicted prices, demonstrating trends and insights.

Stock Market Analysis Toolkit , Toledo

OCTOBER 2024

- Designed a Python toolkit leveraging **pandas**, **numpy**, and **yfinance** to automate stock market analysis and key metric evaluation.
- Enabled efficient single or multi-stock analysis with customizable functions and detailed visualizations.
- Streamlined data-driven decision-making by simplifying return, volatility, and growth comparisons.

Regional sales Analysis and Visualization, Toledo

NOVEMBER 2023

- Created a **Tableau** dashboard to analyze and visualize regional sales and profit data for an e-commerce export company, covering the period from January 1, 2019, to December 29, 2020.
- Designed interactive features including region and date filters, enabling customized analysis of sales trends, customer distribution and device usage patterns.
- Included data on the performance of sales teams in each region to help understand where sales were strong or needed improvement.

Health Insurance Charges Prediction, Toledo

JANUARY 2024

- Executed a data-driven project to predict health insurance costs using Python, focusing on data analysis and visualization with **Pandas, NumPy, Matplotlib and Seaborn.**
- Developed **Linear Regression** and **Random Forest** models, emphasizing on Random Forest optimization through hyperparameter tuning and evaluated model performance using Mean Squared Error (MSE) and R-squared (R2) metrics.
- Conducted a comparative analysis of model predictions and actual insurance charges, assessing accuracy.

Communication Skills

Customer Service

Customer Relationship Management

Data Management

Data Collection

Visualization

Microsoft Excel

Pivot Tables

Microsoft Access

Microsoft SharePoint

Salesforce

KNIME

Automation

Languages

English

Tamil