# ANIKET THOMBARE

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## SUMMARY

Master's graduate in Data Analytics from Queen Mary University of London with experience in Data Analytics sector through work with MHIST. Skilled in using tools like Python, SQL, Machine Learning, Power BI, Excel and Bloomberg to create insights and data-driven solutions. Experienced in data visualization, reporting, and managing multiple projects effectively.

## EDUCATION

**MSc. Data Analytics | QUEEN MARY UNIVERSITY OF LONDON | GRADE - DISTINCTION**          **2023-2024**

**Modules-** Machine Learning with Python, Python Programming, Financial Data Analytics, Probability and Statistics, SAS, Time series with R programming, Real and Digital Assets, Storing manipulating and visualizing data.

## EXPERIENCE

**DATA ANALYST - INTERN**                      **MHIST, UK**                      **June 2024- Present**

- Developed customer insight reports by analyzing CRM systems & customer data sources, contributing to business decisions
- Designed data models for an Azure SQL Database warehouse, improving query performance by 35%.
- Developed ETL processes, decreasing data errors by 25% and created Power BI dashboards for data presentation.
- Analyzed healthcare technology market data, uncovering insights that boosted forecasting accuracy by 30% and supported strategic planning for health-tech clients.
- Built interactive Power BI dashboards and Excel-based reports to visualize key metrics, enabling clients to track performance and identify trends effectively.
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**FINANCE ANALYST - INTERN**                      **Delta Systematics, UK**                      **September 2023- June 2024**

- Analyzed financial data and developed models applicable to insurance claims forecasting and risk management.
- Collaborated with traders to implement software solutions for trading strategies, improving predictive accuracy by 30%.
- Analysed financial datasets using SQL and R, providing insights and outperforming benchmarks by 15%.
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## PROJECTS

**FORECASTING AVOCADO PRICES USING TIME SERIES ANALYSIS WITH R:**

- **Objective**: Forecasted avocado prices in California using 2015-2017 data for training and early 2018 for testing.
- **Methods**: Applied Auto ARIMA model with accuracy (AIC:0.51, MSE: 0.17).
- **EDA:** Used boxplots & histograms to show organic prices as more predictable, identifying price variability patterns.
- **Outcomes**: This project improved forecasting accuracy for organic avocado prices by over 85%, aiding in market predictions and decision-making, while reducing model complexity by more than 90%.

**PORTFOLIO OPTIMIZATION USING MACHINE LEARNING:**

- **Objective:** Optimized investment portfolios, balancing risk-return trade-offs and aligning with diverse investor profiles.
- **Data Analysis and Model Performance**: Analyzed a 24-year dataset of 200 S&P 500 firms. Implemented MVO (4.53% return, 5.42% volatility), Risk Parity (1.71% return, 2.20% volatility), and Black-Litterman (2.41% return, 1.61% volatility).
- **Outcome:** Developed tailored models aiding investor decisions, suitable for various risk tolerances and market outlooks.

**SPORTS DATA ANALYSIS WITH POWER BI DASHBOARD:**

- Developed a Power BI dashboard for football analysis, featuring match geography, goals, team stats, and outcomes.
- Showcased skills in dataset management, data visualization, and deriving sports insights.

## SKILLS

- **Programming Languages and Tools:** Python, R, SQL, ML, Bloomberg, Google Analytics, CRM systems, Time series.
- **Data Analysis and Visualization:** MS Excel (VLOOKUP, Pivot Tables) & Office, Power BI, Tableau, SAS.