

Adarsh Mateti

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in Adarsh Mateti

🌐 <https://www.kaggle.com/madarshbb>



Employment History

- Aug, 2023 – Present **Quant Analyst, UBS**
I am currently working in Union Bank of Switzerland (UBS) as a Quant Analyst. The main objective of my role is to develop and maintain statistical models to project and assess the risk of UBS portfolio.
- Jun, 2023 – Jul, 2023 **ML Lead, Khagesvara Aviation Technologies (K.A.T) Pvt. Ltd (Internship)**
As ML Lead, my role was to inculcate Sensor Fusion in fixed wing UAVs using computer vision and state estimation algorithms, including BEVFusion and EKFs.

Education

- Aug, 2019 – Jun, 2023 **Master of Science (M.Sc) Economics, BITS Pilani**
Bachelor of Engineering (B.E) Mechanical Engineering, BITS Pilani
- Mar, 2024 – Oct, 2024 **Continuing Education Programme, Indian Institute of Technology and Science (IIT), Delhi in Quantum Computing and Machine Learning.**

Projects

- Oct, 2024 – Nov, 2024 **FX Volume Prediction (in association with UBS)**
As part of a competition hosted internally by UBS, I have worked on predicting daily volume of 3 FX currency pairs (EUR/USD, USD/CHF, GBP/USD) using ensemble of hyperparameter-tuned tree-based models. (Code)
- Sep, 2023 – Mar, 2024 **US stocks closing movement prediction (in association with Optiver and Kaggle)**
As part of a competition hosted by Kaggle and Optiver, my team and I have worked on predicting closing movements of US stocks using ensemble of hyperparameter-tuned tree-based models with online training. (Approach)

Skills

- Languages **Strong reading, writing and speaking competencies for English, Hindi, Telugu.**
- Coding **Python, C++, R, SQL**
- Technical Proficiencies **Machine Learning, Quantitative Finance, Statistics, Calculus, Linear Algebra, Deep Learning, Reinforcement Learning**

Achievements

- Mar, 2024 **Kaggle : Secured Gold (14th place) Trading At The Close competition (Link)**
- Nov, 2024 **Kaggle : Secured Bronze in ARC Prize 2024 competition (Link)**
- Dec, 2023 **Kaggle : Secured Bronze in Detect Sleep States competition (Link)**
- Oct, 2023 **Kaggle : Secured Bronze in Kaggle - LLM Science Exam (Link)**