AMAR LADVA

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CAREER OBJECTIVE

Dedicated and analytically skilled professional with a Master's degree in Artificial Intelligence and Data Analytics, achieving distinction. Solid foundation in developing predictive models and analysing large datasets. Experienced in using various data mining algorithms and methods to extract meaningful insights from structured and unstructured data sources. Exceptional skills in developing and deploying machine learning models, optimising pipelines, and collaborating with cross-functional teams to drive business growth.

CORE COMPETENCIES

- Presentation Skills
- Statistical Analysis
- Time Management
- Project Management
- Big Data Technologies

- Data Structures and Algorithms
- Data Cleaning and Preprocessing
- Collaboration and Communication
- Data Visualisation and Interpretation
- Qualitative and Quantitative Research

- Multi-Tasking
- Data Analysis
- Continuous Learning
- Business Development
- Database Administration

EDUCATION

MSc ARTIFICIAL INTELLIGENCE AND DATA ANALYTICS, 2023; *Loughborough University*
- **Grade:** Distinction
- **Dissertation:** Understanding Value in Association Football: A Computational Study on Player Valuation

BSc (HONS) COMPUTER SCIENCE AND MATHEMATICS, 2020; *Loughborough University*
- **Final Year Project:** Develop a website that can be used for commercial use by a client

WORK EXPERIENCE

M&G INVESTMENTS

ESG Research Analyst, April 2021 – October 2022
- Played a pivotal role in the development and refinement of the M&G ESG Scorecard, facilitating more informed investment decisions.
- Formulated and implemented methodologies to distinguish ESG leaders from laggards, integrating both internal and MSCI ESG scores, thereby enhancing portfolio sustainability.
- Conducted in-depth analysis of Sovereign ESG scores, employing Febelfin, DNSH, and SFDR tests to guide strategic investment choices.

Key Achievements:
- Successfully launched the M&G ESG Scorecard, significantly improving the firm's ESG assessment capabilities and market positioning.
- Introduced a climate leaders weekly review process, enabling fund managers to dynamically adjust investment strategies, resulting in an improvement in portfolio sustainability performance.

XEROX CORPORATION

Pricing Systems Specialist (Industrial Placement), July 2018 – June 2019
- Spearheaded the creation and management of a comprehensive database for historical pricing deals, enhancing pricing strategy precision and client service efficiency.
- Developed and implemented advanced Tableau dashboards, reducing estimated P&L analysis time.
- Engineered Python scripts that automated data flows into SQL databases, boosting data processing efficiency and reliability.

Key Achievements:
- Initiated and led two global projects that revolutionised pricing issue identification, receiving commendation from senior management for innovation and impact.
- Streamlined the pricing submission process, achieving a record turnaround time of under 48 hours for client proposals, significantly improving client satisfaction and operational efficiency.

TECHNICAL SKILLS

- **Programming Languages:** Python; experienced with ML frameworks like TensorFlow and Keras, SQL
- **Analytical and Data Visualisation Tools:** Power BI, Tableau, Advanced Microsoft Excel
- **Big Data Technologies:** Apache Hadoop, Apache Spark, BigQuery
- **Data Processing & Visualisation:** Pandas, NumPy, Matplotlib, Scikit-Learn

REFERENCES

Available Upon Request