CHEHARA BENTARA

Data Scientist

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CAREER SUMMARY

Data Scientist with experience in predictive analytics, machine learning, and business intelligence. Skilled in turning complex data into insights, optimizing models for forecasting trends, and solving real-world business problems. I have a strong background in statistical analysis, machine learning, and data visualization, using tools like Python, R, and SQL. My focus is on turning complex data into clear insights that help businesses make better decisions.

EXPERTISE

Predictive Analytics | Machine Learning| Data Engineering| Business Intelligence & Visualization | Customer Analytics & Financial Modeling | LLMs | NLP | AWS | Azure

TECHNICAL SKILLS

| Python | R | SQL | C# | php | HTML | Apache Hadoop | Spark | Cloud computing | Data analysis | AWS S3 | AWS Lambda | Scikit-learn | Neural networks | Data wrangling | Data visualization | Data Pipelines & ETL Processes

PROFESSIONAL EXPERIENCE

IT ADMINISTRATOR| LYON'S RESTAURANT (PVT) LTD| Kandy, Sri Lanka   Feb 2020 – June 2023

Rejoined the company upon request to support IT infrastructure as the business expanded, integrating data-driven decision-making and predictive analytics, leading to a 20% improvement in operational efficiency.

- Developed a predictive sales model using historical data & ML algorithms, leading to:
    - 30% improvement in sales forecast accuracy.
    - 15% reduction in inventory waste, optimizing supply chain operations.
- Data Management & SQL Expertise – Managed **MS SQL databases** with **99.9% uptime**, optimizing **query performance by 40%**, ensuring **fast and reliable data access for business analytics**.
- Network & System Administration – Maintained computer networks, including **50+ virtual servers and mainframes**, ensuring **data security and 24/7 system reliability**.

IT ADMINISTRATOR| THE ROYAL GARDEN HOLDINGS (PVT) LTD. | Kandy, Sri Lanka   Sep 2019 – Feb 2020

- Data-Driven Network Monitoring – Analyzed network performance data and system logs to identify patterns and troubleshoot issues, improving network efficiency.
- Problem Solving & System Optimization – Used **data analytics tools** to monitor and troubleshoot network issues, optimizing IT infrastructure, resulting in a **35% decrease in system downtime**.

IT ADMINISTRATOR| LYON'S RESTAURANT (PVT) LTD| Kandy, Sri Lanka   Apr 2016 – June 2019

- Designing and implementing efficient end-user feedback and error-reporting systems
- Monitoring and maintaining networks and servers
- IT Infrastructure Monitoring – Regularly assessed **computer system performance**, leading to a **30% improvement in processing speed** for internal applications.

EDUCATION

- MASTER'S DEGREE | Data Science | University of the Pacific, San Francisco CA   Aug 2023 – May 2025
- BACHELOR'S DEGREE 2ND UPPER CLASS | BEng (Hons): Computer Networking
  | London Metropolitan University UK   Sep2021 – July 2022
- HIGHER NATIONAL DIPLOMA | BEng (Hons): Computer Networking
  | London Metropolitan University UK   APR 2019 –Mar 2021
- CERTIFICATE | **AWS Academy Graduate** - AWS Academy Cloud Foundations | https://www.credly.com/go/8xpuSfEZ   Dec 2024