

Lin Wei Chen — Data Scientist

Years of Experience: 10

No Formal Degree in Data Science

LIN WEI CHEN

Data Scientist

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SUMMARY

Data Scientist with 10 years of progressive experience in analytics and machine learning across the Asia-Pacific region. Proven track record of driving business value through data-driven decisions, developing scalable models, and leading cross-functional teams. Skilled in Python, Spark, ML frameworks, and MLOps, with strong expertise in statistical analysis, A/B testing, and data visualization.

SKILLS

Python, R, SQL, Machine Learning, Data Visualization, Spark, TensorFlow, Deep Learning, A/B Testing, Statistical Analysis

EXPERIENCE

- Led a team of four analysts in end-to-end data projects, increasing project delivery speed by 30%.
- Designed and deployed machine learning pipelines for financial risk scoring, improving risk detection accuracy by 18%.
- Integrated big data tools (Spark, Hadoop) to process terabytes of data, reducing processing time by 45%.
- Authored technical documentation and best-practice guidelines adopted company-wide.
- Spearheaded end-to-end AI initiatives, including deep learning model development for image recognition.
- Optimized recommendation engines, boosting click-through rate by 15% and revenue by 12%.
- Implemented MLOps workflows using Docker and Kubernetes, cutting model deployment times from weeks to hours.
- Mentored junior data scientists and conducted workshops on advanced analytics, fostering a culture of continuous learning.
- Managed data warehouse schemas and optimized query performance, reducing report latency by 25%.
- Built predictive models with scikit-learn to forecast sales, increasing forecast accuracy to 92%.
- Collaborated with business units to translate analytical insights into actionable strategies, driving a 10% revenue lift.
- Presented quarterly data insights to senior leadership, informing strategic decisions.
- Analyzed marketing campaign data to identify key performance drivers, informing budget reallocations.
- Developed automated ETL pipelines using Python and SQL, improving data freshness by 50%.
- Created Tableau dashboards for cross-functional stakeholders, enhancing data transparency.
- Conducted exploratory data analysis to support product roadmap decisions, leading to the launch of a new feature.

EDUCATION

No Formal Degree - Data Science (Online)

Data Science Immersion Program (Online) - 2010

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