

Phan Minh Huy

Data Scientist

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SUMMARY

Senior Data Scientist with 7 years of experience delivering end-to-end data science solutions across the insurance, telecommunications, and retail sectors. Experienced in leading projects from problem definition through to production deployment, with a strong focus on aligning analytical outcomes with business strategy. Combines deep statistical expertise with a practical, results-driven approach to uncover insights and drive impactful decisions.

EXPERIENCE

Blueinfo Jsc - Data Team Lead

Aug 2024 – Present

- Lead a cross-functional data team (Analysts, Engineers, Scientists) to deliver analytics and solutions aligned with business strategy
- Serve as the primary technical point of contact for external partners: From problem scoping to solution delivery
- Delivered projects:
 - Credit scoring model (Gini: 55%), boosting client's internal score performance by 7x%
 - Propensity score (Gini: 70%) to enhance campaign targeting
 - Location verification score to enhance operational accuracy
- Designed and implemented a ML platform
 - Data stack: Data pipelines, feature store, data quality controls
 - Model stack: training pipeline with reproducibility and automation
 - Deployment stack: scheduling, model monitoring, and alerts
 - CI/CD pipeline: designed and implemented a workflow for automated deployment and version control
- Mentor and develop team members by fostering skill growth, promoting best practices, and supporting continuous learning within the team

Prudential Vietnam Assurance - Senior Data Scientist

Nov 2022 – Aug 2024

- Delivered multiple predictive models driving strategic business outcomes:
 - Customer propensity models for cross-sell campaigns
 - Early churn prediction to reduce lapse rates
 - Automated claim for operational efficiency
 - Agent clustering and leadership potential prediction models
- Promoted adoption of AI/ML across departments through internal workshops and training initiatives
- Utilized SHAP, conformal prediction, and graph analysis for model explainability and advanced analytics
- Collaborated with the Data Engineering team to build a scalable data warehouse, ensuring robust data pipelines to support analytics and machine learning workflows

CIC Data Jsc - Data Scientist / Analyst

Aug 2020 – Jun 2022

- Designed and implemented lead scoring models with Gini scores of 64–70%, improving campaign targeting efficiency
- Extracted community features from telecom data using GraphFrames, DBScan, and KMeans
- Deployed optimization algorithms (Ortools) to maximize LeadGen ROI while minimizing operational costs
- Standardized operations and performance monitoring for Mortgage LeadGen services with teleco partners
- Delivered ad-hoc analyses and A/B testing frameworks to guide data-informed decision-making

SIFT AG VN - Machine Learning Engineer

Oct 2018 – Jul 2020

- Built demand and price forecasting models for fertilizer products globally and domestically
- Solved Market Basket Analysis and Store Clustering challenges for retail clients
- Developed automated ML pipelines in Alteryx for forecasting and sales prediction (DFS Group)

EDUCATION

Master of Data Science, Ho Chi Minh University of Science	Completed 2025
Bachelor of Industrial Systems Engineering, Ho Chi Minh City University of Technology	2015 – 2019

CORE COMPETENCIES

Technical Skills	Soft Skills
Python • Spark • SQL • ML/DL • Airflow • Docker • Optimization	Problem Solving • Team Collaboration • Project Management • Communication
Languages	
English: TOEIC 665	