

NGUYEN MINH QUAN

Data Analyst

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Ho Chi Minh City, Vietnam

PROFESSIONAL SUMMARY

Results-driven Data Analyst with 3+ years of experience in transforming raw data into actionable insights. Proficient in SQL, Python, and business intelligence tools including Power BI and Tableau. Proven track record of improving business decision-making through data visualization, statistical analysis, and predictive modeling. Strong communicator with the ability to translate complex data findings into clear recommendations for stakeholders.

CORE COMPETENCIES

Technical Skills

- **Programming Languages:** Python (Pandas, NumPy, Matplotlib, Seaborn), SQL, R
- **Data Visualization:** Power BI, Tableau, Excel (Advanced), Google Data Studio
- **Statistical Analysis:** Hypothesis testing, Regression analysis, A/B testing
- **Database Management:** MySQL, PostgreSQL, MongoDB
- **Tools & Platforms:** Git, Jupyter Notebook, Google Analytics, ETL processes
- **Cloud Technologies:** AWS (S3, Redshift), Google Cloud Platform

Business Skills

- Data storytelling and presentation
- Business requirements gathering
- Cross-functional collaboration
- Strategic planning and forecasting
- Process optimization

Languages

- Vietnamese (Native)
- English (Professional working proficiency - TOEIC 850)

PROFESSIONAL EXPERIENCE

Senior Data Analyst

VPBank - Retail Banking Division | Ho Chi Minh City
March 2023 - Present

- Analyzed customer transaction data (10M+ records) to identify trends and patterns, resulting in 15% increase in cross-selling opportunities
- Developed interactive Power BI dashboards for executive team, reducing reporting time by 40%
- Led A/B testing initiatives for mobile banking features, improving user engagement by 22%
- Collaborated with marketing team to build customer segmentation models using Python and scikit-learn

- Implemented data quality monitoring processes, reducing data errors by 30%
- Mentored 2 junior analysts on SQL optimization and dashboard design best practices

Key Achievement: Designed predictive model for customer churn that achieved 85% accuracy, helping retain high-value customers worth \$2M annually

Data Analyst

FPT Software | Hanoi

June 2021 - February 2023

- Extracted, transformed, and analyzed data from multiple sources (SQL databases, APIs, web scraping)
- Created automated reporting systems using Python scripts, saving 20 hours per week
- Performed statistical analysis and data mining on e-commerce datasets to optimize pricing strategies
- Built Tableau dashboards for sales performance tracking across 5 product lines
- Conducted market research analysis to support product development decisions
- Wrote comprehensive documentation and presented findings to stakeholders weekly

Key Achievement: Identified \$500K cost-saving opportunity through supply chain data analysis

Junior Data Analyst (Intern → Full-time)

MISA JSC | Hanoi

January 2020 - May 2021

- Supported senior analysts in data collection, cleaning, and preliminary analysis
- Created Excel reports and pivot tables for monthly business reviews
- Learned SQL and Python through hands-on projects with real company data
- Assisted in building data warehouse schema and ETL pipelines
- Participated in agile development team meetings and sprint planning

EDUCATION

Bachelor of Science in Statistics

Vietnam National University, Hanoi (VNU) | 2016 - 2020

- GPA: 3.6/4.0
- Relevant Coursework: Statistical Modeling, Data Mining, Probability Theory, Econometrics, Database Systems
- Thesis: "Predictive Analytics for E-commerce Customer Behavior" (Grade: Excellent)

Certifications

- Google Data Analytics Professional Certificate (2022)
- Microsoft Certified: Data Analyst Associate (Power BI) (2023)
- SQL for Data Science - Coursera (2021)
- Python for Data Science and Machine Learning - Udemy (2021)

PROJECTS

E-commerce Sales Forecasting System

Personal Project | 2023

- Built time-series forecasting model using Python (ARIMA, Prophet) to predict monthly sales
- Achieved 92% forecast accuracy on test dataset
- Deployed dashboard using Streamlit for interactive visualization
- GitHub: github.com/nguyenminhquan/sales-forecasting

COVID-19 Data Visualization Dashboard

Open Source Contribution | 2021

- Created interactive Tableau dashboard tracking Vietnam COVID-19 statistics
- Integrated data from Ministry of Health API and WHO databases
- Featured on Vietnam Data Community forum with 5,000+ views

Customer Churn Analysis

Academic Project | 2020

- Analyzed telecom customer churn using logistic regression and decision trees
- Identified top 10 factors contributing to customer attrition
- Presented findings at university data science symposium

ADDITIONAL INFORMATION

Professional Memberships:

- Vietnam Data Community (Active member since 2020)
- Kaggle Competitions Participant (Bronze Medal)

Volunteering:

- Data Literacy Mentor, Code for Vietnam (2022-Present)
- Workshop Facilitator, "Introduction to Data Analytics" for university students

Interests:

- Data visualization and storytelling
- Machine learning applications
- Vietnamese startup ecosystem
- Reading about business strategy and tech trends

REFERENCES

Available upon request

Last Updated: October 2025