

## CONTACTS

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112 Le Hong Phong, district 5, ward 2,  
HCM City

## EDUCATION

### Hoa Sen University

Management Information Systems

2020 - 2024

GPA | 3.27 / 4.0

## SKILLS

### Interpersonal skills

Communicating · Team collaboration ·

Time management · Self learning

### Technical skills

Data Analysis · Python · SQL ·

Data Management & Modeling ·

PostgreSQL · BigQuery · Data Visualization ·

Power BI · Looker Studio ·

Machine Learning · Predictive Modeling

## LANGUAGES

ENGLISH

Proficient



## CERTIFICATIONS

### Google Analytics Certification (4/2025)

### Udemy Machine Learning A-Z (2/2025)

### TOEIC - 825/990 (1/2025)

### Coursera Google Advanced Data Analytics (4/2024)

### PL-300: Microsoft Power BI Data Analyst (7/2023)

## LINKS

### LinkedIn

<https://www.linkedin.com/in/dat-nguyen-209938252>

### GitHub

<https://github.com/ddatnguyen97>

# NGUYEN HOANG QUOC DAT

## DATA ANALYST

## SUMMARY

Results-driven Data Analyst proficient in database modeling, ETL processes, SQL, and Python. Dedicated to leveraging data to uncover valuable insights and enhance data quality. Committed to ongoing learning and professional development, with a proactive approach to solving complex problems. Excited about the opportunity to make a meaningful impact and drive innovation in a dynamic work environment.

## WORK EXPERIENCE

### VitaDairy Vietnam Joint Stock Company

07/2025

#### CRM - Data Analyst

Performed data aggregation, report writing, inspection, evaluation, and user data analysis on the CRM system.

- Built and maintained a centralized CRM (Salesforce) data source optimized for reporting, analysis, and operational activities.
- Participated in a customer authentication project using voice OTP, then analyzed customers' point accumulation behavior through the loyalty app, and developed reports to evaluate the performance of promotion girls.
- Performed ad-hoc analyzes as requested by each department.

<https://vitadairy.vn/>

### VietData.AI CO.,LTD

01/2025 - 06/2025

#### Data Analyst

Focused on cloud computing and AI solutions. Used GA4, BigQuery, and Looker Studio to support digital transformation and provide useful insights.

- Deployed Google Analytics 4 (GA4) and Google Tag Manager (GTM), ensuring accurate event tracking. Verified implementations using GTM Preview Mode and GA4 Debug View.
- Audited website tracking, resolving missing or incorrect event parameters. Standardized data layer and event schema per GA4 best practices for reliable analytics.
- Authored comprehensive guides for developers on dataLayer implementation, enhancing data accuracy and team collaboration.
- Linked GA4 with BigQuery for raw event data access, performing SQL-based analysis. Streamlined reporting through automated BigQuery scheduled queries and Looker Studio data visualization.

<https://vietdata.ai/>

### OneMedic Joint Stock Company

09/2024 - 12/2024

#### Data Analytics Engineer Intern

Focused on integrating AI-driven X-ray diagnostic reports for pulmonary diseases and performing in-depth analysis of medical data.

- Designed and implemented a scalable data warehouse for the Medic BI system to enhance analytics and reporting.
- Optimized data querying using SQL and developed advanced data preprocessing workflows with Python.
- Built and automated a robust ETL pipeline using Airflow, ensuring timely and accurate data integration.
- Developed and maintained interactive dashboards in Superset to visualize key medical examination and treatment metrics.

<https://onemedic.vn/en>

## PERSONAL PROJECTS

### End-to-End Data Pipeline & Analytics Dashboard Project (Ongoing)

Tools: BigQuery, SQL, Python, Dash and Plotly

- Collected and organized hourly weather data through the Open-Meteo API
- Designed and deployed an automated ETL pipeline to clean, transform, and load data into Google BigQuery, leveraging GitHub Actions and cron jobs for scheduling
- Built an interactive Python dashboard using Dash and Plotly, with direct integration to BigQuery for real-time weather data visualization
- Implemented Google Tag Manager and Google Analytics 4 to monitor and analyze user interactions, with event data stored in BigQuery
- Created dynamic reports in Looker Studio by connecting to BigQuery event datasets for interactive analysis and insights
- [GitHub: https://github.com/ddatnguyen97/Weather-Dashboard](https://github.com/ddatnguyen97/Weather-Dashboard)
- [Website: https://weather-dashboard-i6uk.onrender.com](https://weather-dashboard-i6uk.onrender.com)
- **Note:** *The site may take a moment to load as it's waking up from Render's free hosting*

### User Behavior & Demographics Analytics Dashboard Project

Tools: BigQuery, SQL (Custom Queries), Python (Colab), Looker Studio

- Conducted Exploratory Data Analysis (EDA) using Python in Google Colab to uncover trends and segment user behavior from GA4 event logs
- Leveraged BigQuery as the primary data warehouse to query and transform event data efficiently using SQL
- Wrote custom SQL queries in BigQuery to define active users, new users, user funnel stages, and weekly cohort retention
- Built interactive dashboards in Looker Studio to visualize trends across engagement time, device types, operating systems, countries, and interest categories
- <https://github.com/ddatnguyen97/User-Behavior-And-Demographics-Analytics>