Data Analyst, Hanoi, Vietnam

VO ANH DUY

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Portfolio projects|https://github.com/voanhduy1710/Portfolio_projects

Skills

- SQL (PostgreSQL, MySQL): CTEs, Window functions
- Excel: VLookup, Conditional Formatting, Pivot Tables
- Microsoft Power BI: DAX, Visualizations, Slicers
- NoSQL: MongoDB (connecting, querying DATA)
- Other skills: Technical Report Writing, Client communication
- Familiar: Python, BigQuery, Google Cloud, Microsoft Azure, VBAs

Certifications

- Google Data Analytics
- Google Advanced Data Analytics
- IBM Professional Data Analyst
- Associate Data Analyst in SQL
- Microsoft Power BI Data Analyst
- Data Analyst Associate Certificate

Projects

SUPPLY CHAIN & SALES ANALYSIS – Personal Project
- Used **SQL** to analyze raw supply chain data related to products, suppliers, and sales channels.
- Built an **interactive Power BI dashboard** to display supplier contributions, product sales by region, and **KPI** trends.
- Identified patterns in product performance across regions and imbalances in supplier dependency.
- Delivered insights to support improved stock planning and supplier selection strategies based on contribution and coverage.

UBER TRIPS JUNE 2024 ANALYSIS – Personal Project
- Analyzed over **100,000** Uber trip records using **SQL**, focusing on trip duration, distance, and pickup/drop-off locations.
- Built **Power BI visuals** to showcase trends by time of day, day of week, and trip distance.
- **Identified** peak usage periods and high-demand zones to support operational improvements and resource allocation.

ADIDAS SALES ANALYSIS 2020-2021 – Personal Project
- Cleaned and transformed raw sales data using **Power Query**, organized with **Excel PivotTables**.
- Developed an interactive **Excel-Power BI dashboard** showing sales by product, region, and monthly trends.
- Highlighted **top-selling products** and underperforming regions, guiding targeted sales and marketing decisions.

Work Experience

MOSVODOKANAL – Moscow, Russia   2018-2020
Operations Analyst **|** *Planning and Analysis Department*
- Processed, verified, and compared technical datasets to ensure accuracy; projected water demand for multiple regions over **15–25 year horizons**.
- Designed and managed water supply technical projects, overseeing layout design, hydraulic calculations, and technical documentation.
- Developed Bill of Quantities (**BOQs**) and cost estimates based on system design and material specifications.
- Proposed tailored technologies and technical solutions, supporting project owners in cost-effective decision-making.
- Prepared **20+ technical reports** compliant with client and regulatory standards.
- Created and implemented **10+ AutoLISP** scripts to automate CAD tasks, boosting design **efficiency** and team productivity.

VIWASE JOINT STOCK COMPANY – Hanoi, Vietnam   2020-2025
Technical Specialist **|** *Technology Development Department*
- Collected and aggregated water production and consumption data from 15+ zones using **MySQL**, segmented by region, time, and customer group.
- Extracted data to **CSV** files using **MySQL** to analyze seasonal and geographic trends for demand forecasting.
- Presented actionable reports using **MySQL** and **Excel** data, recommending ways to optimize distribution and reduce inefficiencies.
- Cleaned and processed **geospatial data** from **GIS** covering **800+ km** of pipeline to support consultants and technical reporting.
- Built weekly/monthly **KPI dashboards** in Excel; designed standardized reporting procedures streamlining and cutting report preparation time by **40%.**

Languages

+ English, Russian - Professional working proficiency   + Vietnamese – Native   + In progress: Korean

Education

MASTER OF SCIENCE IN TECHNICAL ECONOMICS – Moscows State University (MGSU) – Moscow, Russia   2020
- *Graduated with Honors* **|** *Major: Project Management*

BACHELOR OF SCIENCE IN TECHNICAL ENGINEERING – Moscows State University (MGSU) – Moscow, Russia   2018
- *Graduated with Honors*