

# HỒ TẤN LỘC

## *Data Analytics*

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### Goals

Bringing expertise in PL/SQL, SQL Server, PostgreSQL, and Power BI, I am prepared to deliver actionable insights and data-driven solutions that boost business performance in the finance sector. With hands-on project experience and a robust IT background, I quickly adapt to new technologies and complex business processes, ensuring efficient data management. Despite limited corporate experience, my adaptability, quick learning, and resilience make me a valuable team member ready to contribute immediately. I am eager to face challenges and support company growth by delivering tangible value within a dynamic team.

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® <https://github.com/hotanloc1802>

### Skills

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- **Tech skills :**
  - + SQL/PLSQL (strong skill), Power BI tool (strong skill), SQL sever/Postgresql, Python,
- **Soft skills :**
  - + Good communication, actively listens and learns from colleagues
  - + Demonstrates logical thinking and quickly understands business concepts.

### Education

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- **University of Information Technology ( VNU - HCM) 9/2022 - now**
  - + Information System ( Advanced Programming )
  - + Recent semester GPA: 9.05/10 ( 4.0/4.0 ), 3/4 semesters received a scholarship

### Certificate

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- **Ielts 7.0 : Reading 8.0 ( 9/2023 )**

### Project

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- **Analysis of Business Performance by Region and Evaluation of Employee Business Rankings ( 5/2024 - 8/2024 )**

**+ Objective:**

To **analyze business performance across different regions** and evaluate **employee performance rankings**, aiming to identify regional strengths, areas for improvement, and strategies for enhancing overall business efficiency and employee productivity.

**+ Output:**

To develop **two comprehensive reports**: one for regional business performance analysis and one for evaluating employee performance. Additionally, to **create a dashboard for visualizing and analyzing** these insights, facilitating data-driven decision-making and strategic planning.

**+ Online Demo by PowerBI:** [link](#)

**+ More details about Project at Github:** [link](#)

**+ Steps:**

- **Examining and Interpreting Financial Terminology** to precisely comprehend Input Data from Excel Files
- **Import excel file into DBeaver** ( database management tool)
- **Employing PL/SQL to Cleanse Data and Develop a Data Model** for the Data Source (Including Creation of Dimension and Fact Tables)
- **Utilizing advanced PL/SQL skills** to develop **procedures** for querying data and ensuring precise results
- **Making report** ( Region revenue report and Employee ranking report)
- **Import 2 report into Power Bi tool**
- **Making dashboard**

**+ Gained Value:**

Enhanced **my analytical skills** and ability to **produce detailed reports** meeting specific requirements. Improved performance in **designing data models** with a clear structure and achieved **advanced proficiency** in creating dashboards using **Power BI**.

- **Assessing the Influence of Economic Cycles on the VN-Index: A Comprehensive Analysis ( 9/2024 - 11/2024 )**

**+ Objective:**

**Evaluate the impact of major economic indicators**, such as GDP, inflation, unemployment rate, and interest rates, on the fluctuations of the VN-Index over different economic cycles.

**+ Output:**

Report on the impact analysis of macroeconomic indicators on the VNINDEX and the use of machine learning models to predict prices.

**+ More details about Project at Github:** [link](#)

**+ Steps:**

- **Collecting data** from various source ( investing.com, worldbank.com)
- **Cleaning and formatting data**
- **Using SPSS tool** to show descriptive statistic and get initial insights from it
- **Researching Vietnam stock-market** and related information

- **Using python** with various library ( Numpy, Pandas, Seaborn,... ) to analyze
- **Using python** with **machine library** to predict price

**+ Gained Value:**

Learn more about stock market knowledge, develop the ability to understand the market, research and evaluate stocks, and study machine learning algorithms to aid in prediction results..

## Reference

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- **Phạm Long Vân - Data Manager, Eton Corporation**
  - + Mentor Data Analyst and Data Engineer
  - + Phone : 090-717-3388