HỒ TẤN LỘC

Data Intern

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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Skills

- **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

- **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

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

Project

- **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 pyth**on 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

- **Phạm Long Vân - Data Manager, Eton Corporation**

  + Mentor Data Analyst and Data Engineer

  + Phone : 090-717-3388