Hoa Nguyen

Data Engineer | BI Solutions

Next step goal: be the part of big data world

Contact Me

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Technology

- OS: Linux, Window
- Programming Language: SQL, Python
- Storage: Mssql, mySQL, MongoDB, Hadoop, sFTP
- Processing Engine: Pandas, pyspark, DBT
- BI Tools: Power BI, DAX
- Data Oschestration: Airflow
- CI/CD: Git

Education

Bachelor of Management Information System

- Institution: Hoa Sen University
- *Year of Graduation: 2021 with GPA: 3.43/4*

Language

- English (Aptis B2 Level)

On-learning

- Cloud Service
- Big Data Framework

External link

- Github: ▰▰▰▰▰▰
- Linkedin: ▰▰▰▰

Work Experience

Data Engineer
Kimberly-Clark Viet Nam (Feb 2023 - Current)

Small BI Team work under Sales Operation Department, interact with other departments and IT Regional to enrich raw data and build value KPIs.

1. Main responsibilities:
- Work closely with end-users and vendors to enrich data warehouse and enhance operation report
- Develop all data pipelines for Kimberly Clark Viet Nam - make sure daily operation report run well (~ 50 pipeline)
- Daily Operation: Maintain data pipeline, server, backup database, optimize query execution

2. Achievement:
- Leading project to apply row-level security in excel report for avoid leaking data (team size : 3 members)

2. Project:
- Key member as data engineer role joining project revamp data warehouse for whole kimberly clark Viet Nam (team size : 7 members)

3. Technology
- sFTP, mssql, python (pandas, pyspark), airflow, power bi

Data Engineer
Phu Nhuan Jewelry Joint Stock Company (PNJ)
Sep 2021 - Nov 2022 (1 yr, 2 mos)

Working as Digital Transformation Center department to collect demands from other departments, understanding their pain points to build meaningful daily report to help them making right decision at right time.

1. Main responsibilities:
- Maintain and build all data pipelines for PNJ Corp and its members (approximate 300 jobs)
- Working and handle billions records (~ 3 millions records for daily)
- Release nearly real-time report serving up to 200 end-users view report daily. Also, 30 end-users for self-serving report.
- Extract data from diverse sources (Relational Database, NoSQL, Social)
- Ensuring stable system operation up to 95% and SLA 4.9/5 in serving user.

2. Achievement:
- Build and maintain Incentive project (~ 5000 active end-users view data on App/Web/Dashboard)
- Build and maintain Camera AI project

3. Technology
- Talend, SSIS, MongoDB , Mssql, Power BI, SSAS, SAP