SAKSIT CHOBNGAN

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Portfolio : github.com/saksit63/portfolio

EDUCATION

Khon Kaen University **Jul 2020 - May 2024**

- Bachelor of Engineering Program in Agricultural Engineering - Faculty of Engineering, Department of Agricultural Engineering
- GPAX 3.82/4.00 (First-Class Honors)

RELEVANT EXPERIENCE

Internship

- Mechanical Engineer, Khonburi Power Plant Company Limited **Apr 2023 - Jun 2023**

Cooperative Education

- Mechanical Engineer, BBGI Bioethanol (Chachoengsao) Company Limited **Nov 2023 - Mar 2024**

PROJECT EXPERIENCE

Personal Project

- Developed an end-to-end ETL pipeline for movie purchase behavior and sentiment analysis, orchestrated by Apache Airflow. The process encompassed ingesting raw data from CSV files and MySQL databases into a data lake, leveraging PySpark on Dataproc for data processing, transferring the processed data to a data warehouse, and visualizing insights via Power BI to identify business trends.
  Tools: *Python, GCS, Dataproc, BigQuery, PySpark, Power BI, Airflow, Docker*
- Designed and implemented an end-to-end ETL pipeline for online retail data, orchestrated by Apache Airflow. The pipeline ingested raw CSV data into a data lake, transferred it to a data warehouse, utilized dbt for data transformation and quality checks within the warehouse, and visualized the results through Power BI, empowering market analysis and strategic sales planning.
  Tools: *Python, GCS, BigQuery, dbt, Power BI, Airflow, Docker*

Online Course Project (DataTH School)

- Built and customized an end-to-end ETL pipeline for analyzing product purchase behavior and currency exchange rates, orchestrated by Apache Airflow. The pipeline ingested raw data from CSV files and MySQL databases into a data lake, leveraged pandas for data processing, transferred the processed data into a data warehouse, and visualized insights via Looker Studio, facilitating trend analysis and strategic decision-making.
  Tools: *Python, Pandas, GCS, BigQuery, Looker Studio, Airflow, GCC*

ADDITIONAL INFORMATION

- **Technical Skills**
  Programming: Python, SQL, NoSQL (MongoDB)
  Data Processing: PySpark, Pandas, Duckdb
  Databases : MySQL, MongoDB
  Cloud: Google Cloud Platform (GCS, GCC, Bigquery, Dataproc)
  Other: Docker, Shell Script, Git (Basic)
- **Languages** Thai (Native), English (Beginner)
- **Certifications** Road to Data Engineer (DataTH School)
- **Interests** Data Engineering, Machine Learning, Gaming