

SAKSIT CHOBNGAN

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Portfolio : github.com/saksit63/portfolio

EDUCATION

Khon Kaen University	Jul 2020 - May 2024
<ul style="list-style-type: none">Bachelor of Engineering Program in Agricultural Engineering - Faculty of Engineering, Department of Agricultural EngineeringGPAX 3.82/4.00 (First-Class Honors)	

RELEVANT EXPERIENCE

Internship	
<ul style="list-style-type: none">Mechanical Engineer, Khonburi Power Plant Company Limited	Apr 2023 - Jun 2023
Cooperative Education	
<ul style="list-style-type: none">Mechanical Engineer, BBGI Bioethanol (Chachoengsao) Company Limited	Nov 2023 - Mar 2024

PROJECT EXPERIENCE

Personal Project	
<ul style="list-style-type: none">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, DockerDesigned 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)	
<ul style="list-style-type: none">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

<ul style="list-style-type: none">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)
<ul style="list-style-type: none">Languages	Thai (Native), English (Beginner)
<ul style="list-style-type: none">Certifications	Road to Data Engineer (DataTH School)
<ul style="list-style-type: none">Interests	Data Engineering, Machine Learning, Gaming