

JEERANAN PRAKOTHAN

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EDUCATION

Bachelor of Science (Computer Science)

Jun 2022 - Currently

Bangkok University

- Relevant Coursework: Programming, Database Management, System Analysis and Design, Application Development, Data Analysis, Information Security, Web Development, Artificial Intelligence and Machine Learning, Data Communication and Networking
- Cum GPA: 3.91

PROJECT

Bike Trips and Weather Data Project

- Designed and deployed an ETL pipeline using Apache Airflow to automate data extraction, transformation, and loading processes.
- Integrated bike trip data from MySQL with weather data from VisualCrossing API, creating a unified dataset for analysis.
- Developed data transformation scripts using Pandas to clean, merge, and enrich data, improving data accuracy and consistency.
- Built a centralized data warehouse in BigQuery, enabling efficient data storage and retrieval for analytics.
- Created interactive dashboards in Looker Studio to visualize bike trip trends and weather impacts, providing actionable insights for decision-making.

COURSE

Road to Data Engineer (R2DE3.0) - DataTH

- Learned Data Engineering fundamentals: Data pipelines, ETL processes, and data warehousing.
- Gained hands-on experience with Apache Airflow, Apache Spark, and cloud platforms (AWS, GCP).
- Developed skills in data modeling and optimizing database performance.
- Practiced big data processing using distributed computing frameworks.
- Completed real-world projects, including building data pipelines and solving data-related challenges.

ACTIVITIES

- Hackathon : Innovation for Aging Society 2022 , OIC Insurteck Award 2022 , Moral Hackathon 2023 , 'YES Talent Camp' MITR PHOL Young Entrepreneur Strengthsfinding Camp 2023
- Filming : การกิจพิชิตฝัน episode of information technology careers 2023 (Data science career)

SKILL & INTEREST

- skill : Python, SQL, Apache Airflow, Apache Spark, BigQuery, MySQL, Looker Studio, Google Cloud Platform (GCP), ETL/ELT Pipelines, Data Warehousing, Data Modeling, Distributed Computing, Pandas, Git, Docker , Kubernetes
- interest : Data Pipeline Automation, Real-time Data Processing, Data Visualization, Cloud-based Data Solutions, Machine Learning Integration, Open-source Data Tools, Data Governance & Quality