

THANATHORN BOONYAKIJJINDA

DATA ANALYSTS 1 Year of Experience

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ABOUT ME

My name is Chopper, and I am 24 years old with one year of experience as a data analyst. I am friendly, get along well with everyone, and work professionally while taking full responsibility for my duties. I am skilled in data visualization, data pipelines, and data transformation. I have successfully completed projects using Apache Airflow and Dagster. I am passionate about learning new things and continuously invest time in self-development. I hope to have the opportunity to work with you and contribute my skills to benefit your company to the fullest.

[Website for additional information about my work. https://choppertnt.github.io/Thanathorn_Boonyakijjinda_webprofile/](https://choppertnt.github.io/Thanathorn_Boonyakijjinda_webprofile/)

EDUCATION

Thammasat University

2018–2023

- Power Electrical major , Engineering with GPAX at 3.59

EXPERIENCE

2023–Current

Alot tech

- Data Analyst

WORK DESCRIPTION

Scraping Data from a Marketing Platform

- Scraping PDF Files to Extract Shipping Label Information and Store the Data in a Database with python function
- upload data to a PostgreSQL database .
- This is a daily routine. Therefore, use JupyterLab for coding and running automated processes.

ETL Process (Extract, Transform, Load)

- Extract: Automatically retrieve .xlsx files from Google Drive using Python daily.
- Transform: Clean data by removing inconsistencies, null values, and unnamed columns using Pandas.
- Perform data transformations with SQL to calculate daily sales and group data by product type, while comparing it to the previous month.
- Store transformed data in a PostgreSQL database.
- Upload daily sales data to Google Sheets using the Google Sheets API.
- Analyze: Create visual dashboards in Power BI to display daily sales figures and compare cumulative sales with the previous month.
- Report: Export Power BI reports as PDFs for easy sharing. Automate email distribution of reports to executives daily using Python.

Monthly Report

- Create a monthly marketing report that includes the following sections: sales, engagement, and consumer behavior. The data will encompass YoY (Year-over-Year), MoM (Month-over-Month), YTD (Year-to-Date) , growth rate and an analysis of trends
- There are two formats: the first format is visualization, where in the past, reports were created using Looker Studio, but now we have switched to using Power BI for visualization.
- The second format is reporting, where we use Canva to create presentations for conferences.

Supporting Teams with Data

- Data Support: Collaborate with various teams to provide essential data for strategy development, solution innovation, and issue resolution.
- Problem-Solving Assistance: Offer data-driven insights to address challenges such as lost goods, failed deliveries, and product returns, ensuring efficient operations and improved decision-making.

PROJECT

ETL with Airflow + Pyspark + GCP + Bigquery

- Pick up a CSV file from a GCP bucket using PySpark, check for duplicates, and clean the data to make it ready for use. Upload the cleaned data to BigQuery, and use Power BI to connect the data to make a visualization dashboard. The entire process is managed using Airflow on Docker.

Complete Project Code: [Airflow Project on GitHub](https://github.com/Choppertnt/airflow_project) [https://github.com/Choppertnt/airflow_project]

ETL with Dagster + GoogleDrive + postgresQL + DBT

- Pick up a CSV file from Google Drive with google API through python . Upload data to PostgreSQL , and DBT for Transform data and plot graph . The entire process is managed using Dagster

Complete Project Code: [Dagster Project on GitHub](https://github.com/Choppertnt/dagster_project) [https://github.com/Choppertnt/dagster_project]

Aws and Databricks

- Use AWS S3 as a Data Lake and Databricks clusters as a Data Lakehouse. Upload a CSV file to AWS S3 and mount it to DBFS. Use Databricks notebooks to generate code and process data with Delta Lake, following the bronze (raw data), silver (clean data), and gold (visualization/dashboard) stages. Finally, create workflows and set schedules to run every day.

Complete Project Code: [Aws and Databricks on GitHub](https://github.com/Choppertnt/databricks_project) [https://github.com/Choppertnt/databricks_project]

Application Ordersales By Flask , Vercel , MongoDB , Pyspark and PostgreSQL

- Flask Web Application: A web form for order details including customer name, phone number, sales date, product, quantity, and price. The data will be semi-structured (JSON-like).
- Deployment to Vercel: You'll deploy your Flask app to Vercel for live access.
- MongoDB Storage: The form data will be uploaded and stored in MongoDB as semi-structured data.
- PySpark Data Transformation: Data from MongoDB will be loaded, transformed to structured data, and cleaned using PySpark.
- PostgreSQL for Storage: Transformed data will be loaded into PostgreSQL, where a trigger is set up to further clean the data.

Complete Project Code: [MongoDBproject on GitHub](https://github.com/Choppertnt/databricks_project) [https://github.com/Choppertnt/databricks_project]

KEY SKILLS

Python (Google API , bs4 selenium , tkinter , pyinstaller , matplotlib , seaborn , Flask)
R program (dplyr , dummies , tidyverse , syuzhet)
Database (PostgreSQL (Tigger , Function) , Bigquery , SQLite , MongoDB)
Excel (VLookup , Pivot-table , IF , Query , Google Sheets)
JavaScripts (APP SCRIPTS)
PowerShell
Github , Vercel
ChatGPT

KEY SKILLS VISUALIZATION

Power BI
Locker Studio

KEY SKILLS TOOLS OF DATA

AMAZON S3 (AWS S3)
MinIO
Pyspark
Google Cloud Platform
Snowflake
DBT
Airflows , Docker
Dagster
Fivetran

CERTIFICATES/COURSE

2024	DATACAMP
DATA ENGINEER	
• Pass Exam Practice in Data engineer management , Exploratory Analysis	
2024	TRUE ACADEMY
DigiProof Assessment : Basic Data Analyst	
• Pass Exam demonstrating their skills and knowledge in key areas for the of role junior data analyst.	
2024	DATACAMP
SQL ASSOCIATE	
• Pass Exam SQL in Data management , Exploratory Analysis	
2024	DAGSTER
Dagster&Dbt	
• Knowledge Asset , data orchestration and use DBT transform	
2024	DATA TH
ROAD TO Analytics Engineer	
• Tools of AE such as databricks , AWS , Snowflake , Dagster , DBT	
2024	Google coursera
Google Advanced Data Analytics	
• Learned about data science , python , data insight , statistics	
2023	Google coursera
Google Data Analytics	
• Learned about Ask , Prepare , Process , analyze	
2023	Microsoft
Azure AI Fundamentals	
• Pass Exam Knowledge of AI Fundamentals	
2023	Microsoft
Azure Data Fundamentals	
• Pass Exam Knowledge of Data Fundamentals	
2023	Ultimate python
Web Scraping	
• Knowledge how to Extracted data from website	