

CHARNRIT KHONGTHANARAT

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Senior BI Engineer | BI Consultant | Power BI, Databricks, SQL, Python, Azure

SUMMARY

Senior BI Engineer / BI Consultant with 8+ years of experience delivering Power BI, SQL, Python, Databricks, and Azure-based analytics solutions. Strongest evidence supports dashboard and report engineering, reporting migration, performance optimization, data quality visibility, stakeholder-facing solution design, and semantic-model-focused BI engineering.

CORE SKILLS

BI: Power BI, DAX, Paginated Reports, semantic modeling, PBIP, TMDL, PBIR, Tabular Editor, SSRS, Tableau

Data & platform: SQL, Python, PySpark, Azure Databricks, Azure Data Lake, Azure OpenAI, AWS, Delta Lake, ETL / ELT, Git

Strengths: performance tuning, data quality reporting, stakeholder management, solution architecture, validation workflow design, Power Apps

EXPERIENCE

Accenture Thailand | *Vis & Interaction Science Consultant*

Oct 2022 - Present

- Designed curated Silver / Gold data layers on Azure Databricks to consolidate customer records across banking entities and support cross-sell analytics use cases.
- Built a Power BI Data Quality Scorecard adopted by enterprise data-governance stakeholders to improve visibility into data issues and reporting trust.
- Led dashboard performance tuning for a major convenience retail client in Thailand by redesigning the dataset and SQL, reducing average load time from 90 seconds to 7 seconds across analytics used by five departments.
- Shaped analytics change requests by defining data flows, Azure services, and dashboard capability aligned to client requirements.

Adastra (Thailand) | *Data Engineer & BI Developer*

Jul 2021 - Oct 2022

- Delivered migration of 10+ sales and inventory reports from Cognos to Power BI Paginated Reports for a Canadian retail client.
- Developed and maintained scalable data pipelines while supporting code development, testing, troubleshooting, and reporting workflows.
- Built an inventory application using Microsoft Power Apps to support operational workflows.

Business Computer Service Center (BCSC) | *Power BI Developer & BI Consultant*

Mar 2020 - Jul 2021

- Owned end-to-end BI delivery for ERP clients and built customized dashboards for luxury retail, manufacturing, and UNICEF-related work.
- Trained client analysts on Power BI best practices to improve adoption and reporting capability.

M.I.S.S.Consult | *People Development Consultant*

Oct 2017 - Feb 2020

- Managed analytics for HR assessment programs and automated report creation to improve reporting efficiency.

SELECTED TECHNICAL WORK

- Built a Power BI measure-validation project using PBIP, Python, and AI-assisted tooling to make semantic models more testable, reviewable, and governable.
- Implemented TMDL / PBIR inspection, DAX risk detection, draft scenario generation, and review-preserving merge controls.

LEADERSHIP, EDUCATION & CERTIFICATIONS

- Speaker, Power Platform Community Bootcamp Thailand (Mar 2026) - Power BI testing and semantic model engineering topic.
- Speaker, Power Platform Bootcamp Thailand (2023, 2021) | Microsoft Certified Trainer (2021-2022) | 1st Place, 42 Bangkok x CPF Virtual Hackathon (2021).
- MBA, Business Administration - Chulalongkorn University | B.Econ., Industrial Organization - Chulalongkorn University | Microsoft Certified: Data Analyst Associate, Azure Data Fundamentals, Power Platform Fundamentals.