

Contact

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<https://sumanabhlapibul.github.io/SumAnalytics/>



**Sumana
Bhlapibul**

Summary

I am a chemical engineer with strong business background and extensive experience in data and information management. I help business gain insights from their data and feel rewarding when the business can make smarter decision.

I have many tools in my toolbox. My preferred tools for data science are spreadsheet, python, Power BI and SQL.

Who I am



Education & Courses

1983 Chulalongkorn University, Bangkok, Thailand
Chemical Engineering
1990 University of Ulster, Northern Ireland, UK
MBA (International Business and Industrial Development)
1995 Charter Institute of Purchasing and Supply, UK
MCIPS (Corporate Member - Charter Institute of Purchasing and Supply)
2006 PRINCE2 Project Management
2018 Microsoft Professional Program : Data Science, AI, Big Data, IoT, DevOps
2019 IBM Data Science

Language

Thai Mother language
English Fluent
Dutch Good

Work Experience

2023 Freelance Consultant & Data Scientist
SumAnalytics

2018- 2022 Data Science Coach & Developer
The Do Good Only Company BV

2014 – 2018 Independent Study, Adventure Travel and Home Management

2011 – 2014 Business Process and IT Manager
Gate terminal B.V.

I was responsible for the overall IT of the new LNG terminal at the Maasvlakte. I managed, guarded and executed efficient and effective daily and long term continuity of the business process and the industrial & office IT environment.

2001-2010 Senior Supply Chain Consultant
Shell Global Solutions International

I helped refineries and petrochemical plants to improve their bottom line profit by improving their supply planning and scheduling process, hydrocarbon management and plant information management

1993-2001 Procurement & Contract Supervisor,
Lead Process Engineer
Shell operating company

I worked in teams that designed, built, started-up and operated a refinery. My roles included

- Reviewed a grass root refinery conceptual design and its feasibility study
- material procurement during Engineering Procurement and Construction phase
- set up a contracting department during the start up phase and
- supported the refinery operation as process engineer in the operational phase.
- Supervised and trained process engineers
- Initiated , Led, Designed various plant improvement projects
- Designed interconnection piping synergy between 2 complex refineries i.e. Hydrocracker refinery & Catalytic Cracker Refinery

1983-1993 Procurement
Petroleum Authority of Thailand & Thai Petrochemical Industry

I analyzed world market, evaluated crude, petrochemical feedstock and petroleum product prices, negotiated and finalized purchasing contracts

Credentials

Data Science and Data Analysis

- Microsoft AI
- Microsoft Data Science
- Microsoft Big Data
- Microsoft Data Analysis
- Microsoft IoT
- Microsoft DevOps
- Google Data Analytics
- IBM Data Science
- IBM Data Analysis and Visualization
- IBM Applied Data Science
- DataCamp Data Science with Python
- Harvard X Using python for Research
- Full Stack web development with Angular
- Google Data Analytics
- Datacamp Data Science
- Coursera HTML, CSS, and Javascript for Web Developers
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Others

- PRINCE2 (Project Management Practitioner)
- PRINCE2 (Project Management Foundation)
- .Net Web Development Certified Professional
- International Trading and Risk Management
- Qualified ISO 9000 internal audit
- Qualified instructor for Quality and Customer Focus
- VCA Basic Elements of Safety

Applications & Tools

Programming - python, R, C#
Office—MS Excel, Word , Power Point, Project
Drawing - MS Visio
Database - MS Access, SQL Server, Oracle
Reporting Tool - Business Object
Data Historian – Exaquantum, PI
Development - VB.Net, VBA, Blazor
Document Management System - Livelink, SharePoint
Web Development - HTML, CSS, JS, Blazor, Angular, C#, Wordpress

Presentation, Whitepaper and Trainings provided

I wrote various technical papers and gave training to internal and external customer's e.g.

- Refinery mass balance and vertical integration - white paper
- Volatile Organic Compound VOC emission - white paper
- Project Management (PRINCE II and PMBOK) - Training
- Data Integration – Training
- Supply Chain Vertical Integration – Training & Paper