ASISH BISWAS

Analytics & BI Solutions Lead | EMBA | MSc

@ asish.biswas@outlook.com +4917643274219 Munich, Germany
in linkedin.com/in/asish-biswas analyticsoul.medium.com



EXPERIENCES

Solution Architect & Product Owner

Allianz Commercial Jan 2024 – Continuing

- Owned the end-to-end delivery of the enterprise Data Asset initiative — coordinating requirements across Underwriting, Sales, and Claims to deliver a unified analytics capability enabling 360° organisational insight.
- Formulated the architectural blueprint for the migration from Palantir Foundry to a native Azure Data Platform, implementing a Medallion Architecture on Databricks to ensure data quality and lineage.
- Designed and developed the BI dashboard for business steering KPIs, unifying large and mid-corporate reporting across multiple operating entities, improving leadership visibility and data-driven decision-making.
- Designed a robust test-driven framework within the data lake, incorporating data contracts, Attribute-Based Access Control (ABAC) and PII masking to comply with GDPR and regulatory standards.
- Designed and developed data-quality observation dashboards to monitor data completeness, roll-out & adaptation status, and data fitness score.

Technologies: System Designing, Azure Databricks, Power BI, PySpark, ELT.

Sr. Data Engineer

Allianz Global Corporate & Specialty Jan 2021 – Dec 2023

- Led the delivery of Customer and Broker 360 analytics applications — managing solution lifecycle, data modelling, and integration across global sales and distribution functions, reducing time-to-insight by 40%.
- Developed the Sales Steering Dashboard using PySpark on Foundry (Palantir), enabling data-driven decision-making through historical profitability analysis and predictive sales pipelines.
- Designed and developed a customer segmentation model to identify high-value customers, leading to increased profitability and enhanced customer satisfaction.

Technologies: System Designing, Data Modeling, ELT Pipeline, PySpark, SQL, Palantir Foundry.

Data Engineer and Cloud architect

BMW AG January 2019 – December 2020

- Designed and developed the ETL pipeline for an ML-based duplicate issue detection system, reducing the number of tickets by 40%.
- Migrated the ETL pipeline to AWS, enhancing manageability and reducing infrastructure overhead.

C++ Software Engineer

BMW Car IT Sep 2016 – Dec 2018

- Designed, developed, and validated the middleware component for the BMW head-unit, enabling intelligent personal voice assistant capabilities.

C++ Software Engineer

Amadeus IT Sep 2014 – Aug 2016

- Developed a message-switching middleware application, ensuring reliable message delivery across distributed systems.

PROFILE

Analytics and BI solutions professional with 14+ years of experience delivering and governing data platforms, reporting environments, and analytics applications across large, regulated financial services organisations. Proven track record in end-to-end solution ownership — from requirements and architecture through delivery, quality governance, and continuous improvement. Experienced in coordinating cross-functional stakeholders and managing complex, multi-vendor platform environments.

PROJECTS

LLM Powered ChatBot

- Designed and developed a LLM based custom bot to analyze German documents and answer questions in any language.
- Utilized a RAG-based architecture with LangChain and Vector Databases to optimize the token usage and reduce hallucination.

Technologies: LangChain, Streamlit, OpenAI

SKILLS

Data Strategy | Digital Transformation | Azure Databricks | Power BI | Data Modeling | Data Migration | Solution Lifecycle Management | PySpark | SQL | Data Quality Governance

EDUCATION

- **EMBA**
  Quantic School of Business and Technology 2024
- **M.Sc. in Informatic**
  Technical University of Munich 2014
- **B.Sc. in CSE**
  Ahsanullah University, Dhaka 2009

CERTIFICATIONS

- **Certified SAFe® Product Owner**
- **AWS Certified Solutions Architect**
- **Business Analytics Specialization**
- **TOGAF EA Foundation (Pursuing)**