

SAMBHAV ANANT RAKHE

PROFILE

Microsoft-certified Fabric Data Engineer and Fabric Data Analyst (DP-600 & DP-700). Experienced in designing, planning and implementing complex data engineering solutions to provide analytics for driving informed business decisions.

EXPERIENCE

DATA ENGINEER, LTIMINDTREE, AB, CANADA – 2024 - PRESENT

- Technical advisor for Microsoft Fabric CSS, handling deep-dive technical triages and high-priority escalations.
- Design and review end-to-end data engineering plans, provide actionable recommendations, and support implementation decisions.
- Specializing in Data Warehousing using TSQL in One Lake, as well as data ingestion to One Lake using different techniques such as Dataflows, PySpark Notebooks and orchestrating medallion data engineering architectures using Data Pipelines.
- In depth knowledge of the Power BI platform with experience in creating and optimizing Power BI reports as well as paginated reports using M language and DAX.

BUSINESS INTELLIGENCE ANALYST, VANCOUVER AIRPORT AUTHORITY, BC, CANADA – 2022

- Helped facilitate the setup of a centralized system for data analysis and exploration for the Maintenance (MTE) department at the airport by communicating with vendors and planning the implementation and architecture of the system.
- Analyzed and explored the Passenger Bridges at the airport to help provide information to help with the decision making for the business.
- Performed setup and creation of a Data Science pipeline for Passenger Load estimation using technologies such as Azure Data Factory and DataBricks. This also will serve as a standard for future collaborative Data Science work at the airport.

SOFTWARE ENGINEER, UPTYCS, MH, INDIA – 2016-2018

- Enabled the use of cloud technology dependencies locally. This reduced the testing costs by over 80% and reduced time to test different parts of the software by compartmentalizing the tests into multiple parts that could be run individually.
- Developed REST API framework for the testing software to provide data egress options for business analysis to provide real time insights into the testing progress and results.
- Received hand-on experience working with AWS and Azure cloud technologies in order to implement solutions as per business use case.

EDUCATION

Simon Fraser University, Burnaby, BC, Canada – MS CS (Big Data), 2023

SKILLS

- Fabric Data Warehouse, Fabric Data Lakehouse, One Lake, Shortcuts, Mirroring, PySpark, Machine Learning, Artificial Intelligence, TSQL, KQL, DAX, M lang, Power BI Reports, Power BI Paginated Reports.

CERTIFICATIONS

DP 700 - Microsoft Certified: Fabric Data Engineer Associate.

DP 600 - Microsoft Certified: Fabric Analytics Engineer Associate.