

# Priyaranjan

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## Professional Summary

Results-driven **Data Engineer & Data Analyst** with 5+ years of experience in **Data Engineering, Data Analysis, and Business Analytics**, primarily in the **financial domain**. Skilled in designing and implementing **end-to-end data solutions** using **Microsoft Fabric, Azure, Power BI, and advanced SQL**. Strong expertise in **ETL/ELT pipelines, data modeling, and reporting** to deliver actionable business insights.

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## Core Skills

- **Data Platforms & Tools:** Microsoft Fabric (OneLake, Data Factory, Synapse, Data Activator, Lakehouse), Power BI Desktop & Service, ETL/ELT Processes, Advanced Excel
  - **Cloud & Databases:** Azure Database, Azure Data Lake (ADLS Gen2), MS SQL Server, MySQL, KQL
  - **Programming & Scripting:** Python (Pandas, PySQL, PySpark), DAX, SQL, T-SQL
  - **Data Engineering Concepts:** Data Modeling, Data Migration, Medallion Architecture, Data Pipelines, Row-Level Security (RLS), Query Optimization
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## Professional Experience

### Capgemini India Pvt. Ltd. | Associate Consultant | June 2021 – Present

- Designed and implemented **end-to-end data engineering solutions** using Microsoft Fabric (OneLake, Data Factory, Synapse, Data Activator, Power BI).
  - Migrated on-premises data to **Azure Fabric**, leveraging **Fabric Lakehouse and Data Warehouse** for scalable analytics.
  - Developed and maintained **data pipelines, dataflows, and datasets** for reporting and analytics.
  - Built **Power BI dashboards** with KPI scorecards, advanced DAX calculations, and optimized reports for business-critical insights.
  - Utilized **Medallion Architecture, ADLS Gen2, Fabric Notebooks (PySpark, PySQL)**, and **semantic models** for financial data analysis.
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### Air India (AITSL) | Data Analyst | Oct 2018 – Feb 2020

- Designed and developed **Power BI dashboards and reports**, applying **RLS** for secure data access.
  - Optimized scheduled data refreshes, improving reporting uptime and reducing latency.
  - Built **SSIS packages** to perform ETL processes from multiple sources into **SQL Server**.
  - Developed **stored procedures, CTEs, ranking functions, dynamic SQL**, and optimized queries for better performance.
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## Key Projects

### Bayer (Capgemini) | June 2021

- Hands-on experience with **Microsoft Fabric, Azure, Power BI, and SQL Server**.
- Implemented **Medallion Architecture** using **OneLake, Fabric Lakehouse, Data Warehouse, Semantic Models**.
- Used **Fabric Notebooks (PySpark, PySQL)** for data analysis and warehouse integration.
- Built **data ingestion pipelines and dataflows** for seamless integration.
- Optimized **Power BI Service dashboards**, created apps for scalable reporting.

### Self-Driven Projects (GitHub)

- **Atliq Hardware Supply Chain Analytics** (with Codebasics).
  - **Bank Loan Disbursement Analysis**.
  - **Shopify Sales & Customer Funnel Report**.
  - **Pizza Sales Report**.
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## Education

### Banaras Hindu University | Bachelor in Economics | 2011 – 2014

- Strong foundation in **Microeconomics, Macroeconomics, Banking, Finance, Mathematics, and Statistics**.