

Piyush Tamaskar

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Summary

Data Architect with over 10 years of experience in data engineering, data modeling, and business intelligence. Specialized in designing and implementing Medallion architecture to optimize data processing and analytics. Proficient in creating and maintaining Logical Data Models (LDM) and Physical Data Models (PDM) to drive actionable insights. Expertise in SQL, data warehousing, and big data technologies, with a focus on data integrity, automation, and quality. Proven leadership in managing cross-functional teams, mentoring, and collaborating with stakeholders to align data architecture with business objectives.

Skills

Technical Skills: Data Architecture & Modeling, SQL, DAX, Python, PySpark, Power BI, Data Warehousing, ETL, Databricks, Hadoop, Spark, AirFlow, Snowflake, GCP (familiarity), Data Profiling, Data Quality, Star Schema, Snowflake Schema, Data Vault Modeling, OLAP & OLTP Database Models.

Transferable Skills: Analytics Leadership, Stakeholder Management, Problem Solving, Business Acumen, Design Thinking, Mentoring, Technical Guidance.

Tool Proficiency: Power BI, Microsoft Fabric, ADF, Synapse, Adobe Analytics, SQL, Python, Data Modeling Tools, Version Control Systems.

Work Experience

Nagarro, Pune

Aug 2021 - Present

Data Architect & AI Analytics Lead

- Architected and maintained complex data models, including LDM and PDM, to ensure data-driven decision-making for a Fortune 500 client.
- Led the development of a sales pipeline analytics solution using ADF, Databricks, Power BI, SQL, and Python, enhancing forecasting accuracy by 10% and reducing time-to-close by 15%.
- Created and maintained Source to Target Data Mapping documents, ensuring data consistency and integrity.
- Provided technical mentorship, fostering team development through code reviews and guidance on best practices in data modeling.
- Collaborated with cross-functional teams to design and implement data extraction, transformation, and loading (ETL) processes in alignment with business objectives..

Tech Stack: Power BI, Azure Databricks, SQL, Python, ADF, Synapse, Adobe Analytics.

HSBC, Pune

Dec 2018 - Aug 2021

Consultant Specialist

- Designed and maintained logical and physical data models, aligning them with business needs and ensuring data integrity.
- Developed executive-level Power BI dashboards, enabling data-driven decision-making and accelerating strategic initiatives.
- Championed data governance and quality by implementing robust data modeling practices and ensuring adherence to industry standards.
- Improved operational efficiency by 15% through optimized data workflows and collaboration with business units to translate requirements into actionable insights

Tech Stack: Azure Cloud platform, Power BI, Azure Databricks, SQL, ADF.

HSBC, Pune

Jun 2017 - Nov 2018

Data Specialist

- Developed and implemented data models to streamline business processes and enhance data-driven decision-making.
- Improved operational efficiency by 15% and ensured data confidentiality through advanced security protocols.
- Built data dictionaries and Source to Target Data Mapping documents, ensuring clarity and consistency in data management.

Tech Stack: Power BI, Tableau, SSIS, SQL, ETL.

HSBC, Pune

Feb 2015 - May 2017

Data Analyst

- Developed and implemented data-driven solutions, streamlining workflows and fostering collaboration, yielding quantifiable business results.
- Collaborated with business units to translate data into actionable insights, aiding in KPI and data metric development for reporting.
- Conducted data analysis and visualization, providing valuable insights for data-driven decision-making, improving decision accuracy by 30%.

Tech Stack: QlikView, Tableau, SSIS, SQL, ETL.

Intellify Solutions, Pune

Jun 2014 - Jan 2015

Software Engineer

- Developed reporting and data integration solutions utilizing SSRS and SSIS, enabling clients to gain insights for data-driven decision-making.
- Collaborated on software development projects, ensuring alignment with client requirements and demonstrating adaptability to new technologies.

Tech Stack: SSRS, Tableau, SSIS, SQL, ETL.

Education

MCA, University of Pune

Jun 2011 - Jun 2014

Master of Computer Applications

Passing:64%

BCA, University of Pune

Jun 2008 - Jun 2011

Bachelor of Computer Applications

Passing:60%

Project Work

Top Projects

Brand Marketing Analytics

Nagarro • Apr 2022 - Present

Led the development and implementation of a comprehensive brand marketing analytics solution leveraging Power BI, Adobe Analytics, and SQL, leading to a 25% improvement in campaign ROI.

Sales Pipeline Analytics for Fortune 500 Luxury Car Manufacturing Company

Nagarro • Aug 2021 – Mar 2022

Led the development of a sales pipeline analytics solution using Power BI, SQL, and Python, improving forecasting accuracy by 10% and reducing time-to-close by 15%.

BI Solution for Budget to track Supply & Demand

HSBC • Feb 2018 – Aug 2021

Designed and implemented a comprehensive BI solution using Tableau and SQL to optimize budget, supply, and demand processes, enhancing financial visibility and reducing discrepancies by 15%.

Awards and Certificates

- Microsoft Certified: Fabric Analytics Engineer Associate (DP-600) (Jun 24 - Expires on Jun 25)
- Microsoft Certified: Azure Fundamentals (AZ-900) (Dec 2022 - No Expiry)
- Databricks Certified Data Analyst Associate (Apr 2024 - Expires Apr 2026)
- Databricks Fundamentals (2024 – Expires 2025)
- Brightest Mind (2022, 2023), Nagarro
- Excellence Award, HSBC (2021)