Darshan Chavan

Azure Data Engineer

I am an Azure Data Engineer with hands-on experience in architecting and implementing robust data solutions on the Azure cloud platform. Specializing in Azure Data Factory (ADF), Azure Databricks, Azure Synapse, Data Lake, Azure Blob Storage, and Azure Functions, I am also proficient in SQL, Python, Hadoop, and Spark/PySpark, as well as version control systems like Git and GitHub. I ensure seamless data processing, integration, and management in the Big Data landscape. My expertise lies in data transformation, data ingestion, and ETL/ELT processes, with a strong background in data processing. Additionally, my experience with Databricks Notebooks and PySpark for distributed data processing, along with my use of Jira for project management, enhances my ability to deliver comprehensive data engineering solutions.

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EDUCATION

Master of Science in Computer science

KCES'S Moolji Jaitha College, (An "Autonomous College" Affiliated to K.B.C. North Maharashtra University), Jalgaon.

10/2021 - 07/2023

Maharashtra,India

Bachelor of Science in Computer Science

K.B.C. North Maharashtra University, M.J College, Jalgaon.

07/2018 - 06/2021

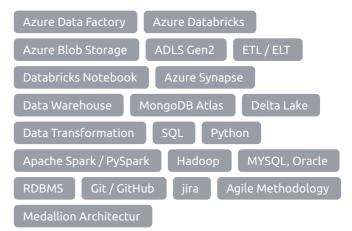
Maharashtra India

PERSONAL PROJECTS

Data Engineering Project: DATA MIGRATION AND ANALYSIS (DMA)

- This project in the **Insurance domain** aims to analyze customer growth and revenue trends while extracting insights related to customer behavior, revenue generation, and age group analysis
- Designed and implemented robust end to end data pipelines using Azure Data Factory to ingest, transform, and load large volumes of insurance data from MongoDB Atlas into Azure Data Lake Storage Gen2(ADLS Gen2).
- Implemented data pipelines using Azure Data Factory and Databricks to Extract, Transform, and Load (ETL) diverse insurance data and Performed data cleaning, transformation in **Databricks Notebook**
- Leveraged Azure Databricks to perform complex data processing and analysis tasks, including customer segmentation, trend analysis, and revenue forecasting.
- Then stored in ADLS Gen2 using the **Medallion architecture** to organize data into bronze (raw), silver (cleaned), and gold (aggregated) layers, optimizing data quality, accessibility, and processing efficiency for ETL pipelines and analytics. After that, I stored the data in Azure SQL Database for easy access by the Power BI team.
- Technologies: Azure Data Factory, Azure Databricks, Azure Data Lake Storage Gen2, Azure SQL Database, MongoDB Atlas, SQL, Python, ETL processes, Pyspark, Data Warehousing, Data Modeling, Data Analysis
- Roles and Responcibilities : 1. Building, Maintain and Monitoring the Pipeline for ETL process. 2. Building the Data Pipeline with the help of Azure Services. 3. Leverage of Bigdata Technologies like Spark for processing of large scale dataset. 4. Monitoring and optimising data pipeline for performance, scalability and Cost efficiency.
- Achievements: Successfully migrated and transformed millions of insurance records, improving data quality and consistency. Identified key trends and patterns in customer behavior, enabling data-driven decision-making. Developed a scalable maintainable data pipeline that can accommodate future growth and evolving business needs. Contributed to significant revenue growth and customer satisfaction by providing timely and accurate insights.

SKILLS



CERTIFICATES

Databricks Certified: Databricks Lakehouse **Fundamentals**

Issued by **Databricks**

SQL Certificate

Issued by HackerRank

Spark Fundamentals

Awarded by IBM Skills Network

Data Engineering with Databricks Issued by **Databricks Academy**

Python Certificate

Issued by HackerRank

HackerRank Badges - SQL & Python

Issued by HackerRank

Microsoft's learning portal - 49 Badges & 13 Trophies

"I am actively expanding my knowledge in Azure services and new technologies like Microsoft Fabric through continuous learning on the Microsoft Learning Portal. I also participate in Microsoft challenges to stay updated with the latest advancements and enhance my expertise in data engineering and cloud solutions.

TRAINING & INTERNSHIP **EXPERIENCE**

HEURISTIC Technopark, Intern, 01/2023 - 04/2023

Worked on the News Portal project, demonstrating technical skills and contributing effectively as part of the development team.