

# Mr. Ashish Mali

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## Experience

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### MyndNova Solutions

Jan – June 2026

*Databricks Data Engineer Associate*

- Contributed to the **design, development, and monitoring** of **25%** of the product's **data pipelines**.
- **Project Data Lead** for a project **NFHS-V Indian Diabetes Analysis**.
- Responsible for collectively collaborating with DHS and NFHS datasets.
- Databricks, AWS, Apache Spark, PySpark, SparkSQL

## Projects

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**Retail Sales Data ETL Pipeline for Analytics** : *Apache Spark, AWS S3, MySQL*

- An ETL data pipeline that **extracts** sales data from multiple sources (AWS S3 and MySQL), **transforms** it using Apache Spark, and **loads** processed data into analytics tables for business reporting and insights.
- Designed **data marts** using **Spark window functions** and **dimensional modeling** for BI reporting.
- Optimized data quality through **validation pipelines**, **staging table** patterns, and **automated error recovery mechanisms** across distributed processing workflows.

**NFHS-V Indian Diabetes Analysis** : *Databricks, PySpark ELT Pipeline, Delta Tables*

- **Databricks analytics** pipeline that **processes** health survey data to **analyze** diabetes prevalence and treatment patterns across Indian states, **identifying** diagnosis gaps and health metrics.
- Mapped and recoded **5,000+** survey variables by aligning raw **National Family Health Survey-5** data with the global **Demographic and Health Surveys DHS-VII** Standard Recode specifications.
- Implemented a **Medallion Architecture** using **Delta Lake**, ensuring data quality and **ACID compliance** for **7+ million-row** for high-dimensional health records.

## Technical Skills

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**Programming:** Python, C++

**Databases:** PostgreSQL, MySQL, MongoDB

**Data & BI Tools:** Excel, Power BI, Tableau

**Version and Collaborative Control:** Linux, Git, GitHub, Docker, Databricks, Kaggle

**Frameworks:** FastAPI, Flask, Streamlit, Dash

## Education

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**Master of Computer Applications**

2025 – May 2027

(JSPM, Savitribai Phule Pune University, Major: Data Science)

GPA: 8/10

**Bachelor of Computer Applications**

2022 – 2025

(SCS, Sri Balaji University, Pune, Major: Data Analytics)

CGPA: 7.7/10

## Certifications

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AWS Cloud Practitioner

Databricks Fundamentals

GitHub Foundations

## Achievements

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### Patent Publication

Title of invention : "**Facial Guard Smart Glasses for Secure Attendance Capture**".  
(Patent Application No. 202421016351 A, filed on 07/03/2024, published on 29/03/2024).