

# HARSHA K

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## EDUCATION

### JAIN (Deemed-to-be University)

Bachelor of Computer Science – Data Analytics | GPA: 7.2/10

Bengaluru, India

Expected May 2026

**Relevant Coursework:** Database Management Systems, SQL & Relational Databases, Statistics for Data Analysis, Data Cleaning & Preparation, Data Visualization, Exploratory Data Analysis

## TECHNICAL SKILLS

**Languages & Querying:** SQL (complex multi-table queries, aggregations, window functions, query optimization), Python (Pandas, NumPy)

**Data Engineering & ETL:** ETL pipeline design, data modeling, schema normalization, primary/foreign keys, entity-relationship diagrams, data warehousing concepts

**Databases:** MySQL, PostgreSQL — relational schema design, indexing strategies, and query performance optimization

**Visualization & Analytics:** Power BI (Power Query, DAX, KPI dashboards, dynamic slicers), Microsoft Excel (pivot tables, advanced formulas, charting)

**Cloud & Platforms:** Foundational exposure to AWS, GCP, and Azure data services; Spark for large-scale data processing (basic)

## EXPERIENCE

### Independent Data Analytics & Engineering Projects

Bengaluru, India

Self-Directed Research & Development

2023 – Present

- Designed and executed multiple end-to-end analytics projects spanning data ingestion, pipeline engineering, relational modeling, and business intelligence reporting, applying industry-standard tools across the full data lifecycle to deliver production-quality analytical outputs.
- Deepened expertise in data engineering fundamentals — including ETL architecture, cloud data warehousing, and scalable pipeline design — through structured coursework, professional certifications, and iterative hands-on project development aligned with real-world engineering workflows.

## PROJECTS

### Sales Performance Analysis & Power BI Dashboard

2025

SQL | Power BI | Power Query | DAX | Relational Database Design

- Architected a normalized relational sales database and authored complex multi-table analytical queries to compute critical business metrics — total revenue, average order value, monthly growth trends, and regional performance benchmarks — across multi-dimensional customer, product, and time hierarchies.
- Delivered an end-to-end Power BI business intelligence solution encompassing ETL data transformation pipelines in Power Query, DAX-driven calculated measures, and interactive dashboards with dynamic KPIs and slicers that surfaced revenue patterns, high-value customer segments, and underperforming regions to drive strategic decisions.

### Diabetes Dataset Analysis — 100,000+ Records

2024

Python (Pandas, NumPy) | Microsoft Excel | Exploratory Data Analysis

- Engineered a scalable data preprocessing pipeline in Python to process over 100,000 healthcare records, systematically resolving missing values, eliminating duplicate entries, correcting data type inconsistencies, and standardizing feature formats to produce a structurally sound, analytically reliable dataset.
- Executed comprehensive exploratory data analysis to identify statistically significant correlations between clinical variables — including glucose levels, BMI, age, and blood pressure — and diabetic outcomes, translating quantitative findings into structured visualizations and actionable evidence-based insights for data-driven interpretation.

## CERTIFICATIONS

[Google Data Analytics Professional Certificate](#) – Coursera

2024

[Cloud Data Analytics Certificate](#) – Coursera

2024

[Statistics Foundations](#) – Coursera

2023

## ADDITIONAL

**Technical Interests:** Data engineering, scalable ETL pipeline architecture, cloud data warehousing, AI-driven analytics, and building robust end-to-end data solutions

**Soft Skills:** Analytical thinking, collaborative teamwork, attention to detail, business communication, adaptability, self-motivation, and eagerness to learn

**Languages:** English (Professional), Kannada (Native), Hindi (Conversational)