

# Vidhisha Mhatre

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## SUMMARY

Aspiring Data Analyst with a strong foundation in data analysis, statistics, and data visualization. Hands-on experience through academic projects, internships, and job simulations involving data cleaning, exploratory data analysis (EDA), SQL querying, and dashboard creation. Proficient in Excel, SQL, Python (Pandas, NumPy), and Tableau/Power BI. Strong analytical, problem-solving, and communication skills with the ability to convert data into actionable business insights.

## EDUCATION

### Mumbai University

Mumbai, Maharashtra

Aug 2022 – May 2026

B.E in Computer Science and Engineering

- Current CGPA: 9.50
- Relevant Coursework: Data science, Data analysis and visualization, Artificial Intelligence, Machine Learning, Python Programming, Database Management Systems (DBMS), Big Data Analytics.

## EXPERIENCE

### 8S Labs – Big Data Analyst Intern

Aug 2025 – Oct 2025

- **Tech Stack:** Power BI, Big Data Frameworks (Apache Hadoop, Hive, H base, spark)
- Worked with the Hadoop ecosystem including HDFS, MapReduce, Hive, Sqoop, and Flume for large-scale data processing and analytics.
- Implemented real-time data ingestion pipelines using Apache Flume and AWS Kinesis for continuous streaming data
- Applied streaming algorithms such as Bloom Filters and DGIM to support efficient real-time analytics.
- Designed and queried NoSQL databases using MongoDB and Cassandra for high-volume and unstructured data.

## PROJECTS

### SQL Music Store Data Analysis | SQL, MySQL, Data Analysis, python.

- Analysed a music store database using SQL to extract business insights related to customer behaviour, sales performance, and revenue trends.
- Wrote complex SQL queries using joins, subqueries, aggregations, and window functions

### Sales Forecasting Using Time Series Analysis | Python, Pandas, NumPy, Time Series Forecasting

- Developed a sales forecasting model using historical sales data and time series analysis technique
- Performed data cleaning, trend analysis, and seasonality detection using Python libraries .
- Built and evaluated forecasting models to predict future sales performance

### General Store Sales Dashboard | Power BI, Excel, Data Visualization

- Designed an interactive Power BI dashboard to analyze general store sales data.
- Built KPIs to track revenue, profit, product performance, and regional trends.
- Applied data modeling and DAX calculations to enable dynamic reporting.

## SKILLS & CERTIFICATIONS

**Programming Languages:** Python, SQL.

**Web Development:** Node.js, Express.js, REST APIs, SQL, MongoDB, Cassandra, Linux.

**Tools & Platforms:** Git, GitHub, Power BI, Tableau, Excel.

**Certifications:** Deloitte Data analyst job simulation, AWS Data Engineering, J.P. Morgan - Quantitative Research Job Simulation, Machine learning and AI fundamentals (AWS), Tata Group - Cybersecurity Analyst Job Simulation.

## EXTRACURRICULAR ACTIVITIES

**Smart India Hackathon (SIH) 2025 Winner**, recognized for developing an innovative, problem-solving solution in a competitive national-level hackathon, Actively participated in multiple hackathons, collaborating in cross-functional teams to design, develop, and present technology-driven solutions under time constraints, Volunteer, National Service Scheme (NSS), contributing to community development initiatives and social awareness programs, Demonstrated strong teamwork, leadership, and communication skills through technical competitions and volunteer activities.