

# Dattatri Bachare

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## PROFESSIONAL SUMMARY

Master's graduate in **Computer Science** with a strong foundation in **data analysis, statistics, and visualization**. Proficient in **SQL, Python, Excel, Tableau, and Power BI**, with hands-on experience in **data cleaning, transformation, and dashboard creation**. Passionate about leveraging data-driven insights to support **business decision-making**.

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## SKILLS

- **Programming Languages:** Python (Pandas, NumPy, Matplotlib)
  - **Data Analysis & Visualization:** Tableau, Power BI, Excel (Pivot Tables, Power Query)
  - **Databases:** SQL, MySQL (Joins, Subqueries, Indexing, Normalization)
  - **Web Development:** HTML, CSS, JavaScript
  - **Tools & Technologies:** Git, Jupyter Notebook, Google Colab
  - **Soft Skills:** Analytical Thinking, Problem-Solving, Communication, Teamwork
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## EDUCATION

<b>Masters in Data Software Engineering</b>	ItVedant Education Private Ltd.   Dec 2024
<b>M.Sc. in Computer Science</b>	Gulbarga University   Feb 2024
<b>B.Sc. in Computer Science</b>	Gulbarga University   Dec 2021

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## PROJECTS

### College Database Management System:

- **Description:** Designed and implemented a relational database to manage student, course, professor, and enrolment records. Wrote SQL queries to retrieve data, analyse student performance, and generate reports on course enrolments and professor assignments.
- **Skills Demonstrated:** SQL query writing (SELECT, JOIN, GROUP BY, and subqueries), database normalization, schema design, and report generation.

### Sales Performance Analysis Dashboard:

- **Description:** Created a comprehensive sales performance analysis dashboard using Excel. The project involved data cleaning, aggregation, and visualizing sales data (including KPIs like revenue, sales volume, growth trends, etc.) using PivotTables, charts, and conditional formatting.
- **Skills Demonstrated:** Data cleaning, PivotTables, Power Query, advanced formulas (VLOOKUP, INDEX-MATCH), and data visualization.

### Bike Sales Dashboard:

- **Description:** Designed an interactive bike sales dashboard in Power BI to monitor key performance indicators (KPIs) such as total revenue, sales trends, product category performance, and regional distribution. Integrated data from multiple sources (Excel and SQL) and implemented slicers, filters, and drill-through features for detailed insights.
- **Skills Demonstrated:** Data modeling, Power Query transformations, DAX calculations, visualization using Power BI charts (bar, line, pie, heat maps, etc.), and interactive dashboard functionalities.

### Super Store Sales Dashboard:

- **Description:** Developed an interactive sales dashboard in Tableau to analyze key performance indicators (KPIs) such as total sales, profit margins, product category performance, and regional sales trends. Integrated data from multiple sources (Excel and SQL) and utilized filters, parameters, and drill-down features for in-depth analysis.
  - **Skills Demonstrated:** Data modeling, data blending, calculated fields, visualization using Tableau charts (bar, line, pie, heat maps, etc.), and interactive dashboard functionalities.
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## CERTIFICATIONS

### Tata Data Visualisation: Empowering Business with Effective Insights Job Simulation on Forage | [Certificate Link](#) |

Jan 2025

- Completed a simulation involving creating data visualizations for Tata Consultancy Services
- Prepared questions for a meeting with client senior leadership
- Created visuals for data analysis to help executives with effective decision making.

### Python | [Certificate Link](#) |

Dec 2024

- Completed a course on Python programming, including core concepts, data structures, and Python for general-purpose development and analysis.

### Data Science & Analytics Essentials | [Certificate Link](#) |

Sept 2024

- Gained foundational knowledge of data science concepts, including data preprocessing, statistical analysis, machine learning basics, and data visualization.
- Learned to work with structured and unstructured data, perform exploratory data analysis (EDA), and apply analytical techniques to derive insights.

### Masters in Data Software Engineering | [Certificate Link](#) |

Sept 2024

- Completed a course covering essential data analysis techniques, including data cleaning, exploration, visualization, and basic statistical analysis using Python.

### Tableau | [Certificate Link](#) |

Sept 2024

- Completed a course focused on data visualization using Tableau, including designing interactive dashboards and performing data analysis.

### SQL | [Certificate Link](#) |

June 2024

- Completed a course on SQL fundamentals, focusing on database querying, data manipulation, and relational database management systems (RDBMS).

### Business Analytics with Excel | Simplilearn | [Certificate Link](#) |

Oct 2023

- Gained expertise in data analysis, visualization, and reporting using Excel.
- Applied statistical functions, pivot tables, and advanced Excel techniques for data-driven insights.

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## ADDITIONAL INFORMATION

- Languages: English (Fluent), Kannada (Native), Hindi (Native)