

Tulika Lunkad

E-mail: tulika2504@gmail.com | LinkedIn: www.linkedin.com/in/tulika-lunkad-9a6536255

About

Aspiring Data Analyst with hands-on experience in Tableau, Power BI, MySQL, and Python, and a 5-star SQL rating on Hacker Rank. Certified in Google Data Analytics Professional Course, with strong problem-solving and communication skills, aiming to transform complex data into meaningful business decisions.

Education

BHILAI INSTITUTE OF TECHNOLOGY

Bachelor in Technology – Computer Science and Engg. (Data Science) – CGPA: 9.55

Durg, Chhattisgarh, India

Expected May 2026

KRISHNA PUBLIC SCHOOL

Senior Secondary (XII) – 90.2%

Bhilai, Chhattisgarh, India

May 2022

Skills

Programming Languages: Python, SQL, R (Basics)

Visualization & BI: Power BI, Tableau, Excel (Advanced)

Database and Cloud Platforms: MySQL, MongoDB, AWS, Azure

Machine Learning: NLP, Langchain, Numpy, Pandas, PyTorch, Tensorflow, Keras

Analytical Skills: Statistics, Data Cleaning, ETL workflows, Data Modeling, Web Dev (HTML, CSS, ReactJS, PHP)

Certifications

Google Data Analytics Professional Certificate (Coursera)

Completed an 8-course series covering topics such as data cleaning, SQL, visualization (Tableau, R programming) for data analysis.

Data Analytics and Job Simulation (Forage, Accenture)

Gained practical experience in data analysis through real world simulation projects.

Projects

- **Hospital Management Dashboard | Power BI, MySQL, Excel**
 - Designed a multi-page hospital management dashboard with seamless navigation across 5 functional modules (patients, doctors, finance, staff, etc.).
 - Integrated MySQL as backend to handle patient and financial records; optimized queries for real-time reporting.
 - Delivered KPIs such as patient inflow, doctor performance, billing trends, and resource utilization, enabling data-driven decision-making.
- **Olympic Data Analysis Dashboard | Python, Streamlit, Pandas, Plotly, Seaborn**
 - Developed an interactive analytics dashboard analyzing Olympics data with medal tallies, country trends, and athlete insights.
 - Engineered dynamic filters for year, country, and sport to generate tailored visualizations.
 - Processed and transformed large datasets with Pandas for accuracy and speed.
- **Data Sales Insights Using Tableau | Tableau, SQL, MySQL, Excel**
 - Analyzed 3+ years of sales data from AtliQ Hardware, identifying revenue drivers and profitability trends.
 - Designed a Tableau dashboard powered by a SQL-driven star schema for in-depth KPI analysis (revenue, top products).
 - Automated ETL workflows and cleaned large datasets to ensure consistency and reliability.

Work Experience

Data Science (ML) Research Intern – IIT Guwahati | May 2025 – August 2025

- Implemented COSKAD (Contracting Skeletal Kinematics for Anomaly Detection) model for human-related video anomaly detection using HR-UBnormal dataset.
- Adapted architecture for CPU execution and smaller skeletal datasets, performing pose estimation (AlphaPose, PoseFlow), graph convolutional encoding, and latent space contraction for anomaly scoring.
- Achieved AUC ~61% (Spherical) and ~51% (Euclidean) latent spaces, closely matching research benchmarks.
- Tools: Python, PyTorch Lightning, Matplotlib, NumPy, Pandas.

Web Development Intern - TSF | May 2024 – June 2024

- Developed and deployed a Basic Banking System web application using PHP, MySQL, and JavaScript.
- Designed relational database schemas in MySQL to store and track transactions.
- Ensured data integrity, optimized queries, and deployed application online for user interaction.

Extracurricular

- **Hult Prize BITD 2025** – Content Executive
- **Google Devfest Bhilai 2023** – Volunteer