

Radhika Shukla

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Career Objective

Analytical and results-oriented final-year Computer Science student (AIML) with hands-on experience in **R Programming**, **Python**, **SQL (MySQL, PostgreSQL)**, and **Power BI**. Proven ability to translate business problems into data-driven solutions using statistical modeling and visualization. Seeking to contribute to fast-paced, client-centric environments by delivering insights and scalable analytics solutions.

Education

2022 – present Nagpur, India	B.Tech – Computer Science and Engineering (Artificial Intelligence & Machine Learning) <i>Shri Ramdeobaba College of Engineering and Management</i> CGPA: 7.21 Relevant Courses: Data Analytics, Visualization, DBMS, Machine Learning
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Internships and Virtual Experiences

05/2025	Deloitte Australia – Data Analytics Job Simulation (Forage) <ul style="list-style-type: none">Completed a data analysis and forensic technology simulation.Created an interactive dashboard using Tableau.Utilized Excel to classify business data and draw meaningful conclusions.
12/2024	PwC Switzerland – Power BI Job Simulation (Forage) <ul style="list-style-type: none">Strengthened Power BI skills to understand client needs and deliver effective data visualizations.Designed dashboards to communicate KPIs and meet stakeholder requirements.Delivered insights through concise email communication with engagement partners.Analyzed HR data to uncover root causes of gender imbalance at the executive level.

Projects

2025	Spotify Data Analysis Python, Pandas, and NumPy <ul style="list-style-type: none">Analyzed 1.7M+ tracks from Spotify’s dataset using Python, Pandas, and NumPy.Cleaned and transformed 15+ key audio features including duration, energy, danceability, and popularity.Identified 20+ year-wise trends in song duration, energy, and popularity over a century of music data.Created 10+ clear and impactful visualizations using Matplotlib and Seaborn for data-driven insights.Delivered findings that highlight evolving patterns in the music industry over time.
2025	Electricity Consumption Time Series Forecasting R Programming <ul style="list-style-type: none">Analyzed Germany’s daily electricity consumption (2006–2017) using Open Power System Data, performing cleaning, date parsing, and feature engineering.Visualized consumption, wind, and solar trends with Base R and ggplot2, then applied STL decomposition, ARIMA, and ETS models to forecast future demand with accuracy evaluation.
2025	Delivery Performance Insights – Predictive Modeling Python, Regression, EDA <ul style="list-style-type: none">Performed exploratory data analysis on 500+ food delivery recordsBuilt a linear regression model (R² = 0.94) to predict delivery time using traffic, distance, and weatherIdentified root causes of delivery delays and recommended optimization strategies
2024	Financial Reporting Dashboard Power BI <ul style="list-style-type: none">Visualized budget vs. expenses with department-wise breakdownSimulated C-suite board reporting experience using KPI cards and DAX measures
2024	E-Commerce Sales Dashboard Power BI <ul style="list-style-type: none">Created an interactive dashboard visualizing key KPIs, trends, and top-selling productsEnabled data-driven inventory and marketing decisions using real-time slicers and drill-downs
2024	HR Analytics Dashboard Power BI <ul style="list-style-type: none">Analyzed employee attrition and diversity metricsGenerated actionable insights to improve employee retention and organizational balance

Skills

Data Analytics SQL (MySQL, PostgreSQL), EDA, Statistical Modeling	Programming R (ggplot2, descr), Python (Pandas, NumPy, Matplotlib, Seaborn, Scikit-learn)
BI & Visualization Power BI, Tableau, Excel	Tools & Platforms Databricks Lakehouse Platform (Fundamentals Accredited; SQL Analytics, BI Dashboards, Delta Lake basics), Google Analytics Certified

Certificates

<ul style="list-style-type: none">Google Analytics Databases & SQL for Data Science - Coursera Python Essentials 1 CISCO Databricks Fundamentals Accreditation - Databricks Academy 	<ul style="list-style-type: none">Microsoft Power BI (Visualization & Data Modeling) - Coursera Python Basics - Coursera Python Essentials 2 CISCO Get Started with SQL Analytics & BI – Databricks Academy
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Achievement & Extra-Curricular

- Presented startup idea 'Saarthi' at Startup Mahakumbh in a TiE mentoring session as a Team Lead.
- Completed GDSC Cloud Study Jam