Deep Dey

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SUMMARY

B.E. Computer Engineering graduate from the University of Mumbai with a strong foundation in data science and analytics. I combine technical expertise with the ability to simplify complex insights for non-technical teams. My teaching background sharpened my communication and collaboration skills, while achievements like ranking 10th out of 148 participants in the Imarticus Data Science Blogathon '25 reflect my commitment to excellence. I aim to be known as a data scientist who transforms data into impactful decisions and drives action through clarity, curiosity, and collaboration.

EDUCATION

Imarticus Learning | Thane   Mar 2025 – Nov 2025
Certification in Data Science and Analytics.

Fr. Conceicao Rodrigues Institute of Technology | Mumbai University, Vashi   Jul 2020 - Aug 2025
Bachelor of Engineering in Computer Science, CGPA: 7.51/10

WORK EXPERIENCE

The Akanksha Foundation   Mumbai, IN
Mathematics Teacher   Sept 2024 – Mar 2025
- Taught Mathematics to primary and secondary students, covering Probability, Statistics, and Linear Regression.
- Enhanced communication skills and boosted student performance by 25% through simplified, interactive lessons.

ACADEMIC PROJECTS

ESG Investment Exposure & Risk Analysis Dashboard   Sept 2025 – Nov 2025
- Collected and cleaned ESG and financial performance data from Kaggle, ensuring consistency for analysis.
- Designed an interactive dashboard with bar graphs, pie charts, etc, to visualise scores, risk exposure and investment trends.
- Delivered insights for investment firms to align portfolios with sustainability goals and make informed decisions.

Analyza - Automate Data Insights   Aug 2025 – Sept 2025
- Data Analyst Chatbot, a Flask app using Groq LLM to turn natural queries into Pandas code with full transparency.
- Engineered automated preprocessing for CSV/Excel uploads, fixing 95% data inconsistencies for cleaner analysis.
- Designed a dark-themed Tailwind UI, improving user experience and analysis speed by 40%

Bank Loan Analysis and Approval Prediction   Aug 2023 – May 2024
- Analyzed bank loan dataset to derive meaningful insights and deployed a Flask-based loan prediction app with 99% accuracy.
- Enhanced Processed dataset records through EDA, encoding and visualization for model refinement.
- Tuned LightGBM via optuna, improving speed and efficiency by 35%

CERTIFICATIONS

Tata – GenAI Powered Data Analytics Job Simulation Program on Forage   Aug 2025

JPMorgan Chase & Co. Quantitative Research Virtual Experience Program on Forage   Jul 2025

Deloitte Australia Data Analytics Job Simulation on Forage   Jul 2025

Awarded 1st Prize in Hands-on Project at Imarticus learning, Thane.   April 2025

SKILLS

Programming languages: SQL, Python, Excel(Advanced), UNIX/Linux, HTML.

Data Visualization and analysis tools: Power BI, Tableau, Alteryx, Pandas, Streamlit, Flask, Matplotlib, seaborn, XLOOKUP, Pivot tables, NumPy, SciPy, Tensorflow, Machine learning, such as Boosted Trees, Neural Networks, SVM, NLP, Statistics and LLM

Soft and Analytical skills: Modelling, reviewing or managing models for sanctions screening, Ability to work in a fast-paced, results-driven environment, data processing, Strong verbal and written communication skills.

Other Tools: Git, Jupyter Notebook, Google Analytics, WinSCP, VS Code, Docker, PostgreSQL, MS Office Suite, AWS and Ubuntu.