

Chitranjan Gupta

✉ chitranjangupta4195@gmail.com | [in chitranjan806](https://www.linkedin.com/in/chitranjan806) | [github chitranjan806](https://github.com/chitranjan806) | 📍 Trier, Germany

OBJECTIVE

Motivated data science student with 2+ years of experience in Data Analysis. Passionate about leveraging data-driven models to derive actionable insights. Relevant skills include programming, modelling, visualization, problem solving, and creative thinking.

EDUCATION

Universität Trier, Germany M.Sc. Data Science	Oct. 2022 – Present Expected Graduation - Aug. 2025
Lovely Professional University, India Master of Computer Applications (Grade: 1.6/4.0)	Aug. 2017 – Jul. 2020
Ranchi University, India B.Sc. Information Technology (Grade: 1.72/4.0)	Jun. 2013 – Apr. 2016

PROFESSIONAL EXPERIENCE

Generali Employee Benefits, Luxembourg Nov. 2023 – May 2024 Strategy and Governance - Internship

- Leveraged MS Power platform to automate regular security tasks, reducing manual processes, and human errors by 10%.
- Led Security Strategic Project in collaboration with IT and network security, achieving a remarkable completion rate from 45% to 75% in 4 months.
- Enhanced security protocols to proactively monitor system vulnerabilities and fortify information protection.

Simplilearn, Bengaluru, India Sep. 2020 – Aug. 2022 Analyst - Learner Success Group

- Developed an automated project evaluation pipeline using Python, Beautiful Soup, and data processing techniques, reducing manual review tasks by 20%.
- Spearheaded root-case analysis to help customer support on custom problems, boosting average customer satisfaction ratings from 4.23 to 4.5.
- Guided learners in programming and technical issues during course timeline, improving overall resolution time by 15%.
- Supported course designers with expert reviews on technical content, assuring high quality course structure.

PROJECTS

Insurance Premium Deposit Prediction

- Built a regression model using CatBoostRegressor to forecast on-time premium deposits by policyholders, analysing historical payment data with customer demographics and sourcing channels.
- Achieved 85.12% accuracy on hidden validation data, enhancing risk management and improving customer engagement strategies.

Predicting Machine Batch Performance using Sensor Data with ML

- Designed a machine learning model to predict industrial machine batch performance using data from 55 sensors across 7 time intervals, leveraging regression algorithms and feature engineering.
- Achieved an R2 score of 0.48 with prediction values ranging from 0.28 to 0.82, providing insights to identify potential performance issues and optimize machine operations.

Sales Performance Insights Analysis – Tableau

- Created a dynamic Tableau dashboard to visualize sales performance (2017-2020) across markets, products, and revenue classifications.
- Enhanced decision-making by reducing analysis time by 25%, allowing for quicker insights into regional and product-based sales trends.

SKILLS and CERTIFICATIONS

Programming: Python, R, SQL, HTML, CSS, JavaScript

ML Libraries: Pandas, NumPy, Matplotlib, Seaborn, Scikit-learn

Visualization: Tableau, Power BI, MS Excel

Tools: VS Code, MS Excel, Github, Power Automate, Databricks

Databases: MySQL Workbench, PostgreSQL, BigQuery

Certifications: [Google Data Analytics Professional](#) (Coursera), [Advanced Microsoft Excel](#) (365DataScience)

Achievements: Data Science Challenge Runner-up (AnalyticsVidhya), [Python-Java-SQL Badge](#) (HackerRank)