JATIN GUPTA

DATA SCIENCE FRESHER

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jatin-gupta

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EDUCATION

- CCLS - COLLEGE OF ARCHITECHTURE & DESIGN

  Bachelors in Computer Applications
  2022 - 2025

- P.D. MODEL SR. SECONDARY SCHOOL

  Class XII (CBSE)
  2021 - 2022

SKILLS

- Python
- SQL
- Pandas,
- NumPy,
- Scikit-learn
- Matplotlib
- Seaborn
- Tableau
- Statistics
- GIT

INTERSTS

- Machine Learning
- Data Visualization
- Data Analysis
- Problem Solving
- Statistical analysis
- Predictive modeling
- Strategic Planning
- Communication

PROFESSIONAL SUMMARY

Experienced in Python, data structures, machine learning, and data analysis. Proven track record of building data-driven projects and implementing ML algorithms. Passionate about utilizing statistical analysis, predictive modeling, and scalable data solutions to tackle real-world challenges.

EXPERIENCE

-AI RESUME OPTIMIZER | GITHUB ——— *NOW-2025*

- Developed a Python-based NLP tool to analyze job descriptions and suggest resume improvements using TF-IDF and cosine similarity.
- Processed 100+ job postings to identify key skill gaps, improving resume-ATS compatibility by 35% in test cases.
- Implemented custom keyword extraction with spaCy and scikit-learn, handling noisy text data (e.g., merged "Pandas" vs "pandas").
- Documented full workflow on GitHub, including Jupyter notebooks for EDA and model tuning.

-MOVIE RECOMMENDATION SYSTEM | GITHUB ——— *NOW-2025*

- Engineered a content-based recommendation system leveraging Pandas and Scikit-learn to suggest movies based on genre and description similarity.
- Implemented TF-IDF vectorization to transform textual data into meaningful feature vectors and computed cosine similarity to measure movie similarity.
- Designed an algorithm to generate top-N recommendations by ranking movies based on similarity scores.
- Performed data preprocessing and cleaning, including handling missing values and standardizing features, to prepare datasets for machine learning models.

-LOAN APPROVAL PREDICTION | GITHUB ——— 2021-2020

- Developed a machine learning model to predict loan approvals using Python (Pandas, Scikit-learn).
- Engineered features (handled missing data, categorical encoding) and enriched dataset using third-party APIs for improved accuracy (82%).
- Deployed the solution on GitHub, including a Jupyter Notebook for analysis.