Jatin Aggarwal *Data Scientist*

agarwaljatin5716@gmail.com 8923285873 Meerut, India

linkedin.com/in/jatinagarwal03 GitHub

PROFILE

Entry-level data scientist with a strong foundation in data preprocessing, feature engineering, and model evaluation. Skilled in Python, scikit-learn, and data visualization libraries, adept at utilizing machine learning algorithms to solve real-world problems and drive data-centric decision-making.

EDUCATION

Meerut Institute of Engineering and Technology, Meerut **2021-2025**
Bachelor of Technology in Computer Science and Engineering *cgpa:7.3*

Kendriya Vidyalaya Dogra Lines, Meerut Cantt **2020-2021**
Senior Secondary (Intermediate), Meerut Cantt *cgpa:7.9*

Kendriya Vidyalaya Dogra Lines, Meerut Cantt **2018-2019**
All India Secondary School Examination, Meerut Cantt *cgpa:8.33*

SKILLS

Operating System → Windows 10/11

Programming Language → Python, SQL

Technologies → Machine Learning, Probability and Statistics, Deep Learning, Natural Language Processing (NLP), LLMs, GenAI, Data Analytics with Python, Power BI, HTML, CSS

Databases → MySQL, PostgreSQL, MongoDB

Version Control → Git, GitHub

IDEs → Jupyter notebook, Google colab, VS Code

PROJECTS

Diamond Price Prediction:-

The main objective of this project is to predict the overall/Average price of the Diamond based on various factors.

→The project was solved using a machine learning approach.
→The models used during this project were Linear Regression, Lasso, Ridge, Random Forest Regressor, Decision Tree Regressor, K Neighbors Regressor.
→The evaluation metrics used to evaluate the models.
→The Web-app was created using the Flask framework.

Campus Placement Prediction:-

The main objective of this project is to predict whether the student will get placement or not based on various factors.

→The project was solved using a machine learning approach.
→The models used during this project were Decision Tree Classifier and Random Forest Classifier.
→The evaluation metrics used to evaluate the models.
→The Web-app was created using the Flask framework.

Text-to-SQL LLM Application:-

The main objective of this project is to get the data from the database by converting the text into the SQL Queries.
→The project was solved using google Gemini pro model.
→Makers suite API Key is used to get the API.
→ The Web-app was created using the streamlit framework.

Diabetes Prediction:-

The main objective of this project is to predict that the person is diabetic or not overall based on various factors.
→The project was solved using a machine learning approach.
→The models used during this project were Logistic Regression.
→Tech: Python, Stats, Visualization, Machine Learning Algorithms.

COURSES AND CERTIFICATION

5 ★ in Python at Hacker Rank

Data Science Masters Certificate (Physics wallah)

BCG - Data Science Job Simulation(Forage)

AWS Academy Graduate - AWS Academy Cloud Foundations Badge

LANGUAGES

Hindi English