

Deepanjan Das

Final Year Undergrad Student

EDUCATION

Jadavpur University, Kolkata — B.E./B.Tech Electrical Engg.

NOVEMBER 2020 - JUNE 2024 | **CGPA - 8.85 aggregate**

Pursuing Graduation in Electrical Engineering with an average CGPA of 8.85 and last semester CGPA of 8.27. Programming Languages: C/C++ | Python

Kalyani Central Model School, Kalyani — CBSE XII

JUNE 2018 - JUNE 2020 | **PERCENTAGE - 93%**

Studied with Science Stream (Non-Medical) and successfully completed XII with a percentage of 93%

Don Bosco School, Bandel — CISCE

JUNE 2008 - JUNE 2018 | **PERCENTAGE - 93.6%**

Passed with an aggregate percentage of 93.6%. National Science Olympiad Gold Medal School Level. National Mathematics Olympiad Bronze Medal State Level

PROJECTS

REAL ESTATE PRICE PREDICTION MODEL

- Developed a real estate price prediction model using Python.
- Conducted extensive data cleaning and preprocessing, handling missing values and outliers.
- Engineered relevant features to improve model accuracy.
- Compared various machine learning models (Linear Regression, Lasso and Decision Tree) to find out the best possible outcome.
- Achieved 84% accuracy on a test set.

DATA SCIENCE SALARY ESTIMATOR

- Developed the Data Science Salary Estimator, utilizing Python and Selenium (help taken from one of my batchmates) to scrape 1000+ Glassdoor job descriptions.

PERSONAL INFO

Nationality: Indian

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SKILLS

- C++, Python, NumPy, Pandas, Matplotlib, Seaborn

INTERESTS

- Exploring new datasets and deriving meaningful insights
- Keeping up-to-date with advancements in data analytics and machine learning
- Applying data-driven approaches to solve real-world problems

TECHNOLOGIES

- Programming Languages: Python (Pandas, NumPy), SQL
- Data Analysis: Data cleaning, transformation, exploratory data analysis (EDA)
- Data Visualization: Matplotlib, Seaborn
- Statistical Analysis: A/B Testing, Hypothesis testing, Regression analysis, Time series analysis
- Tools: Jupyter Notebook
- Database Management: MySQL
- Flask (Learning)

ACHIEVEMENTS

Certification from NPTEL Machine Learning, IIT Kharagpur

Microsoft Azure AI-900, IBM| Microsoft

LANGUAGES

English, Hindi, Bengali

- Did extensive feature engineering.
- Employed GridsearchCV to optimize Linear, Lasso, and Random Forest Regressors, achieving a remarkable Mean Absolute Error of around \$11K.
- Empowers data scientists to make informed salary negotiation decisions, fostering better communication between job seekers and employers.