Abhradeep Chandra Paul

Data Analyst

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Abhra-deep

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SUMMARY

Motivated fresher in Python programming with a passion for developing robust applications, automating processes, and leveraging Python-driven solutions to solve real-world problems.

KEY SKILLS

NLP Insights • Text Preprocessing • Language Modeling • Topic Modeling • Text Summarization • Machine Translation

TECHNICAL SKILLS

Languages/Tools: Python | SQL | Flask | Pandas | NumPy | Matplotlib | Seaborn | **OpenAI API Cloud:** Amazon AWS | Google Cloud Platform (GCP) | Microsoft Azure Databases: MongoDB | MySQL | PostgreSQL | **SQLite Python Libraries**: Beautiful Soup | Requests | Selenium | Pytest | TensorFlow | PyTorch | Scikit-learn

EDUCATION

Post Graduate Diploma in Data Science

IIIT Bangalore & upGrad [Feb '24 - Apr '25]

- **Course Modules:**
  - Data Analysis using SQL | Introduction to Python | Introduction to Machine Learning and Linear Regression
  - Time Series Analysis | Telecom Churn Case Study | Lexical Processing | Syntactic Processing
  - Business Problem Assignment | Building Automated Data Pipelines with Oozie/Airflow | Analytics using PySpark

Bachelors in Electronics & Communication Engineering (8.79)

Calcutta Institute of Technology [Aug '20 - Jul '23]

Diploma in Electronics & Telecommunication Engineering (7.2)

Bishnupur Public Institute of Engineering [Aug '16 - Jul '16]

PROJECTS

Loan Default Risk Analysis and Prediction | upGrad | Jun'24

Analyzed loan data to identify default risk factors. Found that higher education, stable income, and long employment reduce risk, while lower education and certain occupations increase it. Recommended adjusting interest rates and loan terms to mitigate risk.

Global Movie Audience Analysis for RSVP Movies | upGrad | Jul'24

Analyzed three years of RSVP Movies data using SQL, identifying Drama, Comedy, and Thriller as successful genres and recommending collaborations with top production houses, actors, and directors to boost box office performance.

Developing a multiple linear regression model to predict demand for shared bikes | upGrad | Aug'24

Developed a regression model to predict bike demand, highlighting temperature, year, and September as key drivers. Insights aid strategy optimization and demand forecasting.

Telecom Churn Case Study | upGrad | Oct'24

Developed a churn prediction model for the telecom industry, identifying key factors like price sensitivity, poor network quality, and low engagement as major churn drivers. The model highlighted high-risk customers with low usage, frequent complaints, and switching patterns.

Languages

English, Bengali, Hindi