

SHUBHJEET PAUL

Data Enthusiast | Machine Learning | Python Developer
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SKILLS

Programming Languages | Python

Tools and Libraries | NumPy, Pandas, Matplotlib, Plotly, Git, GitHub, Visual Studio Code, Excel

Database Technologies | MySQL

PROJECTS

Bike Buyer Data | The Job Company

- Cleaned and transformed over 1000+ data entries to improve dataset quality and accuracy.
- Utilized pivot tables and charts in Excel to analyze purchase trends across various demographics such as region, gender, income, and marital status.
- Created a scatter chart to examine the correlation between income and age, providing insights for targeted marketing strategies.

World Bank Data Analysis (1960-2016) | The Job Company

- Conducted thorough data preprocessing on a dataset with over 50,000 entries to ensure data integrity.
- Visualized key metrics such as population growth, fertility rates, and life expectancy across different regions using Plotly.
- Developed animated visualizations to dynamically illustrate trends over time, enhancing the interpretability of data insights.
- Leveraged NumPy and Pandas for efficient data manipulation and comprehensive analysis.

SQL Murder Mystery Solution | The Job Company

- Investigated and solved a complex SQL murder mystery by executing detailed SQL queries.
- Analyzed a database with over 50,000 entries using Pandas and SQLite3 to gather evidence and solve the case.

Web Scrapping of Books-to-scrape | The Job Company

- Engineered a web scraping script to **extract** over 1000 data points from an e-commerce website using Pandas, BeautifulSoup, and Requests.
- Collected product names, ratings, prices, and relevant links, and organized the data into a structured CSV file for further analysis.
- Ensured data accuracy and completeness by implementing validation checks during the scraping process.

Missionaries and Cannibals Game | The Job Company

- Designed and implemented the logic for the classic Missionaries and Cannibals problem in Python.
- Developed algorithms to ensure the game operates correctly under all possible scenarios.

EDUCATION

Bachelor of Technology in Computer Science Allenhouse Institute of Technology | CGPA: 7.6

- **Relevant Coursework:** Database Management Systems (DBMS), Data Structures, Computer Networks, Software Development Life Cycle (SDLC).

WORK EXPERIENCE

BLOCKSTASH (Mar,24 – Jun,24)

Web Developer | IIT Kanpur

- Diagnosed and resolved dashboard issues, improving system responsiveness by 20%.
- Documented design errors and organized tasks using Notion, increasing team productivity by 15%.

BIDTRONIX PVT LTD (Jun,23 – Aug,23)

Full-Stack Developer | Goa

- Developed websites using WordPress and React, reducing development time by 30%.
- Administered WordPress Database and PhpMyAdmin panel, achieving 99.9% uptime.

HONORS AND AWARDS

- **The Job Company:** Data Science Certification (2024) | India
 - Completed multiple real-world projects demonstrating practical data science skills.
- **Python Certification:** IIT Kanpur (2021) | India
 - Mastered advanced Python concepts and also get credits in my university exam.
- **PDCAM:** Completed 16-month training with grade "A" at LYCOS (2017) | Uttar Pradesh
 - Excelled in a comprehensive training program, ranking among the top performers in the cohort.
 - Developed strong practical skills in web development and Graphic Designing.

ADDITIONAL SKILLS

Mathematical Skills, Statistics, Problem Solving, Analytical Skills, Data Visualization, Data Cleaning, Business Analysis, Communication Skills