Paras Proach

in paras-proach-bn2005
ParasProach

✉ proachparas@gmail.com
📞 +916006840928
📍 Jammu

EXPERIENCE

Data science intern remote
yessboss.ai *05/2025 - Present*

- Data Collection & Cleaning
  Collected, cleaned, and preprocessed large datasets using Pandas, NumPy, reducing data inconsistencies by 30%.
  Automated data cleaning workflows using Python scripts, cutting preparation time by 40%.
  Exploratory Data Analysis (EDA)
  Conducted in-depth EDA using Matplotlib and Seaborn to identify key trends and correlations.
  Discovered patterns that informed feature selection and improved model performance.

PROJECTS

Data Analysis of Crime Rate 02/2025 - 03/2025
Github

- Analyzed national and regional crime datasets using Python (NumPy, Pandas) to identify key patterns and trends.
  Developed linear regression models in scikit-learn achieving an R^2 score of 0.87, effectively predicting crime rates.
  Visualized temporal and categorical trends through Matplotlib, enhancing data-driven insights.
  Delivered a comprehensive data analysis report summarizing findings and recommendations for reducing

Process Scheduling Terminal based project 09/2025 - 09/2025
Github

- Designed and implemented a CPU process scheduling simulator using Python/C++/Java (whichever language you used) in a terminal-based environment.
  Implemented multiple scheduling algorithms (e.g., FCFS, SJF, Round Robin, Priority Scheduling) to analyze process execution efficiency.
  Calculated and compared key performance metrics — waiting time, turnaround time, CPU utilization, throughput — for different algorithms.
  Applied data structures (queues, lists, arrays) to manage process queues and context switching effectively.

EDUCATION

Army Public School Samba Badiyal
12th - Non-med - 83 % *2020 - 2022*

Lovely Professional University (LPU) Lovely Professional University (LPU) Jalandhar
B.Tech - Computer Science - 7.71 CGPA *2023 - 2027*

SKILLS SUMMARY

- **Languages** Python, C++, C, Java
- **Frameworks** Numpy, Pandas, Matplotlib , Scikit-learn Linear Regression
- **Databases** MySQL
- **Tools** VSCode , Figma

SUMMARY

- Enthusiastic B.Tech Computer Science student specializing in Data Science, with hands-on experience in data analysis, machine learning, and algorithm development. Skilled in Python, NumPy, Pandas, Matplotlib, and scikit-learn for analyzing and modeling complex datasets. Completed a data science internship focused on crime rate prediction using regression models, and developed a terminal-based process scheduling algorithm demonstrating strong analytical and coding abilities. Eager to apply data-driven insights to solve real-world challenges.