RAUNAK KUMAR

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https://portfolioraunakprasad.netlify.app/

Profile Summary

Results-driven and detail-oriented BCA student with strong expertise in Python development, data analytics, and machine learning. Proven ability to build real-time data-driven solutions and automate complex tasks using modern tools like Pandas, NumPy, Flask, Scikit-learn, Power BI, and Streamlit. Passionate about solving real-world problems through technology, with hands-on experience in developing smart applications and analytical dashboards.

Education

LNCT University Bhopal   2023-2026
BCA-**Artificial Intelligence & Data Analytics**
8.75 CGPA

Technical & Soft Skills

Programing Language : Python, R, Java, HTML, CSS
Machine Learning: Supervised (**Regression, Classification**), Unsupervised (**Clustering**), Reinforcement , NLP & Deep Learning.
Frameworks & Deployment: Flask & FastAPI and Dash & Streamlit.
Data Visualization : Power BI, Tableau , Excel ,Matplotlib ,Seaborn
Data Analytics : SAS, Alteryx, Python(**Pandas , NumPy, Scikit-learn**),SQL, Apache Spark, API, Hadoop.
Soft Skills : Time Management, Problem-Solving, Teamwork, Leadership, Critical Thinking

Projects

AI-Based Workforce Productivity & Performance Analyzer-
 Project Link : - https://github.com/SHPDH09/AI-Based-Workforce-Productivity-Burnout-Analyzer.git
• Built a system to track employee productivity and predict burnout using ML models.
• Calculated performance scores from work data like tasks, hours, commits, and breaks.
• Used Random Forest & Logistic Regression for prediction and classification.
• Created a Streamlit dashboard for insights and PDF reports for each employee.
• Added smart suggestions to help managers make better decisions.
Technologies Used: Python, Pandas, Scikit-learn, Streamlit, Matplotlib, FPDF, Google Colab

Certifications

Data Engineer – **GFG**
R Programing For Data Science – **Samatrix.io**
Data Analysis Using Python - **Samatrix.io**
Probability Modeling Using Python - **Samatrix.io**

Achievements

- **State-Level RBI90Quiz 2024 Participation :** Organized by the Reserve Bank of India (RBI)   08/2024
- **IIT Kharagpur Data Science Hackathon :** Project Evolution   03/ 2025
- **Weekly Coding Challenge 30** : Organized by Unstop World Wide Rank -> **9/31630**   18/05/2025

Activities

Java Mastery Quiz – Organizer, LNCT University, Bhopal (2025)
• Independently organized and conducted the **Java Mastery Quiz** at LNCT University with official approval from HODs and the Director.