Aniket Chakraborty

Data Scientist | Data Analyst

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PROFILE SUMMARY

Hardworking, highly motivated professional eager to lend combined knowledge and skills to enhance business performance. Operates well in both individual and team capacities, leveraging seasoned work ethic to quickly adapt to different processes and drive company objectives. Resourceful and results-driven with a passion for growth and efficiency to meet company needs and increase service value.

WORK EXPERIENCE

INTERNSHIP   Data Science Intern at **Institute of Pulmocare & Research**, Kolkata   Jul 2024 – present

- Project title 'Can different measurements of cardiac shadow in HRCT chest differentiate COPD from normal patients', supervised by Dr. Parthasarathi Bhattacharyya – patient data collection with consent, data definition, manipulation, feature engineering, data management, data analysis, statistical analysis using Python, report making, ppt making, publication

PERSONAL PROJECTS

1. **Cricket WorldCup 2023** A data analysis project on the 2023 Cricket World Cup using Python, SQL, Tableau, and PowerPoint, demonstrating why India and Australia are finalists.
2. **ML Rain-prediction in Australia** A ML project that deals with rain prediction in Australia, depending on mixed type of variables. Used Regression, KNN, Decision Tree, SVM - choose the best model using python.
3. **CV Image Clustering** A non-hierarchical clustering algorithm using K-Means approach to detect and classify images in python using the OpenCv library used for Computer Vision.
4. **NLP Sentiment Analysis** Analysing human sentiment in twitter and amazon product echo using python and different libraries like string and nltk. Use of word-cloud and Sklearn.

EDUCATION QUALIFICATION

•	Oct 2022 to Sep 2024	MSc Data Science MAHE	CGPA - 9.50
•	Jul 2019 to Aug 2022	BSc(H) Mathematics RKMVCC	CGPA – 9.00

TECHNICAL SKILLS

- Programming Software & packages – Python (NumPy, Pandas, Matplotlib, Seaborn, Sklearn, SciPy), R, SQL, Tableau, Spreadsheet
- Data Analytics, Data Visualization, Linear Algebra, Applied Mathematics, Statistics, ChatGPT, Interpreting Data, Statistical Tests
- Machine Learning, Deep Learning, Natural Language Processing, Computer Vision, Mathematical Modeling

PROFESSIONAL CERTIFICATE COURSES

- **Google Data Analytics**
- **IBM Data Science**
- **Data Visualization Tableau**
- **Prompt Engineering ChatGPT**
- **Mathematics for ML**

SOFT SKILLS

- Collaboration, Leadership, Time Management, Goal Oriented, Adaptability, Research Mindset
- Quick Learner, Creativity, Active Listening, Self-disciplined, Communication, Critical Thinking

ACHIEVEMENTS

- Working on a research paper named 'Natural Disasters – A case study of India', part of MSc Data Science Academics – Manipal Academy of Higher Education with proper external project guide. Research proposal already submitted – research report is under process.
- Working on a second research paper named 'To study whether there is any significant difference between different measurements of Heart Shadow in HRCT chest' – part of Data Science Internship at IPCR Kolkata, under well-known Pulmonologist Dr. Parthasarathi Bhattacharya. Research proposal already submitted – report is under process. The abstract is supposed to be shared in Pulmocon, a yearly seminar of IPCR, that deals with scientific researches that are happening in IPCR.
- Till third week of Mach 2024, LinkedIn profile crosses over 100 profile views and 800 post impressions.
- Over 25 repositories created since last year in GitHub profile.