

Aditya Prashant Ardak

Subject Matter Expert - Data Science

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 Nagpur

 1997 Jul 28

PROFILE

As an experienced SME Data Scientist, expertise encompasses programming education, data science, and project leadership. Proficiently guiding BCA (AIML) students, teaching industrial-oriented projects, and conducting seminars on crucial data science topics showcase valuable skills. Successes include effective handling of professors, contributions to faculty meetings, and ensuring data accuracy. Skilled in Statistical Analysis, Machine Learning, and Data Visualization, tools such as R, PowerBI, Tableau, and Excel are utilized. This commitment extends from reshaping online education to active involvement in a university-based coding club and the successful organization of a hackathon.

PROFESSIONAL EXPERIENCE

SME - Data Science

2023 Sep


Currently serving as an SME Data Science professional, I excel in:

Bangalore, India

- Mentoring BCA (AIML) students, providing guidance and support in Artificial Intelligence and Machine Learning.
- Teaching programming through industrial-oriented projects, fostering practical understanding among students.
- Conducting seminars on key topics such as Data Science, ML, Data Analysis, Data Visualization, PowerBI, and Tableau.
- Leading coding clubs and mentoring hackathons, fostering innovation and problem-solving skills.

Data Analyst Intern

2023 Jul – 2023 Aug

Edulyt India 

Remote

Roles and Responsibilities for Data Analyst Internship:

- Conduct data analysis for assigned projects.
- Utilize Python, R, SQL, Power BI, and Tableau for data analysis.
- Clean and impute data to ensure accuracy and completeness.
- Generate visualizations and reports to effectively communicate insights.
- Collaborate with team members to understand project requirements and contribute to project goals

Skills: Python (Programming Language) · Microsoft Power BI · Tableau · Microsoft Excel · SQLSkills

Trainer - Data Science

2022 Oct – 2023 Aug

Data Tech Institute

Nagpur, India

- Trained 100+ students in data science.
- Instructed ML, EDA, Excel, and Data
- Implemented hands-on learning.

EDUCATION

Executive Post Graduate programme in Machine Learning and Artificial Intelligence

2023 Dec – 2025 Nov

Bangalore, India

International Institute of Information Technology

- Developed a solid understanding of Python for data science applications, covering data visualization and SQL skills.
- Mastered exploratory data analysis techniques and Git, and GitHub knowledge.

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- Delved into the complexities of deep learning algorithms and applications.
- Strengthened foundational knowledge in statistics and essential Git skills.
- Studied fundamental concepts and techniques in machine learning.

Post Graduate diploma in Data Science - 9.02 CGPA

2022 Sep – 2023 May

Rashtrasant Tukdoji Maharaj Nagpur University

- Focus on foundational skills in data science in statistical analysis, machine learning, and data visualization
- Coursework in data exploration, regression analysis, classification, clustering, data visualization, and programming in R and Python
- Completed projects building predictive models, performing exploratory data analysis, and creating data visualizations.

Bachelor in Computer Science - 7.8 CGPA

2019 Aug – 2022 May

Shri Shivaji Science college

- Relevant coursework includes algorithms, data structures and programming languages such as Python.

PROJECTS

Web based application using Machine learning to increase sustainable retirement and joining of staff

Currently working

- The project aims at reducing the time of hiring new staff after retirement of the current staff to reduce the education loss of the students

Predicting Air Quality Index using Machine Learning

- The project is python based which returns the Air Quality index with respect to the parameters regarding climate and surrounding is fed to the algorithm.
- Used Statistical analysis and Supervised (linear regression, SVM)and unsupervised learning (K-Means, Random forest)

Predicting Severity code for accidents

- Used supervised learning to predict the code of severity
- Implemented classification algorithms such as k-means, decision tree, SVM and KNN
- Implemented statistical data for exploratory analysis using pandas, numpy and visualized using matplotlib, seaborn.
- Created predictions and statistical data for US accident prone places

SKILLS

- | | | |
|------------------------|---|--|
| - Statistical analysis | - Machine learning algorithms | - Data Visualization |
| - Data Wrangling | - Programming skills (Python, SQL, NOSQL) | - Data modeling and database management (MySQL, Postgree, MongoDB) |
| - Project Management | - Critical Thinking | - Team Work |
| - Public Speaking | | |

CERTIFICATES

Fundamentals of Visualization with Tableau 

Machine Learning with Python
IBM

Data Visualization with Python
IBM

Databases and SQL for Data Science
IBM

Data Analysis with python
IBM

Python for Data Science and AI
IBM

Data Science Methodology
IBM

Tools for Data Science
IBM

Excel Skills for business Essentials
Macquarie University
(Ongoing)

Supervised Machine Learning: Regression and Classification
Stanford University
(Ongoing)

Fundamentals of Visualization with Tableau
University of California, Davis (Ongoing)

Introduction to Statistics
Stanford University
(Ongoing)

SQL for Data Science
University of California, Davis (Ongoing)

EXTRA CURRICULAR ACTIVITIES

Head of Coding Club

- Established and led a coding club aimed at enhancing coding and data science skills among students.
- Successfully recruited and trained over 40 students from the university, fostering a passion for coding and motivating them to consider data science.
- Organized and executed coding quizzes, hackathons, and inter-college coding competitions to provide practical and competitive platforms for skill development.

Head of 2023 Hackathon - RTMNU (Code Rhapsody)

- Successfully proposed and organized a hackathon event at RTMNUOCE, Nagpur.
- Coordinated with the Head of the Department to secure approval and support.
- Managed the budget, expressing confidence in organizing within constraints.
- Implemented eligibility criteria, team size limits, and a code of conduct.
- Established themes fostering innovation in sustainability, healthcare, accessibility, smart cities, and financial inclusion.
- Ensured safety measures, technical support, and a 24-hour time limit for project development.

volunteered for Smile Foundation

- Taught childrens in under-resourced village of Hingna, Nagpur.

INTERESTS

Exploring Medical Domain | Discussing Psychological Observations | Identifying Cons of New Technology

LANGUAGES

- English

- Hindi

- Marathi

- Telugu