Aun Mohammad Kidwai *Data Scientist*

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Profile

As a results-driven and highly motivated data scientist, I bring a wealth of experience garnered from reputable technology firms. My career is marked by a consistent trajectory of growth, underpinned by a deep commitment to leveraging data to drive business success. I excel in fostering innovative environments, taking ownership of complex analytical challenges, and upholding the highest standards of data integrity and quality. My expertise in predictive modeling, machine learning, and data visualization equips me to deliver impactful insights that enhance customer satisfaction and operational efficiency.

With over 6 years of experience in data science and analytics roles, I am a dependable professional who delivers on objectives with precision and creativity. I am always in pursuit of novel ways to support organizational growth, maximize the utility of data assets, and optimize resource allocation. My ability to translate complex data into actionable strategies ensures that I contribute significantly to the advancement of the organization's data-driven goals.

Professional Experience

Data Scientist, *Clavis Technologies Pvt. Ltd.*   Jul 2022 – present │ Noida, India
- Led the development of an intelligent document processing app, utilizing advanced ML algorithms for automated data extraction, classification, and analysis, achieving a 40% reduction in manual processing time and enhancing accuracy and efficiency.
- Spearheaded AI projects in computer vision for object detection and recognition, and NLP models for sentiment analysis and text summarization, delivering solutions that significantly improved operational efficiency and customer satisfaction.
- Initiated and executed Data Visualization projects, using state-of-the-art techniques to transform complex datasets into clear, impactful visual representations, facilitating informed decision-making and strategic planning for stakeholders.
- Advanced AI capabilities by leading additional NLP projects, focusing on sophisticated text processing techniques for language understanding, machine translation, and automated customer service solutions, thereby enhancing customer engagement and support.

Technical Lead / Developer, *Tata Consultancy Services*   Jul 2020 – Jun 2022 │ Noida, India
- Developed and implemented agile project management methodologies, which resulted in a 30% improvement in project completion time.
- Automated over 50 manual processes using Python scripting and SQL queries to streamline the data analysis workflow, reducing the time to complete projects by an average of 40%.

Associate System Engeneer, *Tata Consultancy Services*   2016 – 2018 │ Gurugram, India
- Handled level 1 IT support including ticketing and routing and acted as a department SPOC for the client.

Education

Masters of Computer Application, *Integral University* ↗   2018 – 2020 │ Lucknow, India
CGPA: 7.6

Bachelors of Computer Application, *Integral University* ↗   2013 – 2016 │ Lucknow, India
CGPA: 7.5

Skills

Programming
Python

Data Science Libraries
NumPy, Pandas,Scikit-Learn, TensorFlow, Keras, PyTorch, NLTK

Machine Learning
Supervised Learning, Unsupervised Learning, Natural Language Processing (NLP), Reinforcement Learning, Time Series Analysis, Model Evaluation and Validation, Feature Engineering, Model Deployment and Serving

Web Development
HTML, CSS, JavaScript, Django, Flask

Data Analysis
Exploratory Data Analysis (EDA), Statistical Analysis, Descriptive Analysis, Predictive Analysis, Prescriptive Analysis

Data Visualization
Matplotlib, Seaborn, Plotly, D3.js, Tableau, Power BI,

Deep Learning
Convolutional Neural Networks (CNNs), Recurrent Neural Networks (RNNs), Model Optimization and Hyperparameter Tuning

Database
SQL, MongoDB (NoSQL)

Certificates

- Advanced Artificial Intelligence and Machine Learning Certification
- Google: Python Programming

- Mathematics for Data Science
- Hnads-On Data Science with SQL, Tableau, Python and Spark

Organizations

Dr. B. R. Ambedkar University, Agra, *Roadmap to Data Science lecture*   Mar 2021 – Mar 2021 │ Agra, India
- Designed and delivered engaging lectures to undergraduate and postgraduate students, researchers, and professionals.
- Developed a comprehensive curriculum covering fundamental concepts, techniques, and tools in data science.
- Incorporated practical examples and real-world applications to showcase the relevance of data science across industries.
- Used interactive teaching methods like group discussions and hands-on activities to foster active participation.
- Provided guidance on selecting appropriate programming languages, tools, and frameworks in data science.
- Offered insights into different career paths and opportunities in the field.
- Facilitated discussions on ethical considerations, data privacy, and responsible data usage.
- Created a supportive learning environment that encouraged questions and exploration beyond lecture materials.
- Implemented assessments to gauge comprehension and identify areas for improvement.

Indian Institute of Technology, Kanpur,   Mar 2023 – Mar 2023 │ Kanpur, India
Data Science and AI Workshop Trainer
- Conducted workshops and training programs on data science and artificial intelligence topics at IIT Kanpur, delivering interactive sessions to undergraduate and postgraduate students, researchers, and professionals.
- Optimized workshop curricula by incorporating theoretical concepts, practical exercises, and case studies to provide a comprehensive understanding of data science and AI techniques.
- Delivered engaging presentations and demonstrations, showcasing real-world applications and use cases of data science and AI across various domains.
- Streamlined hands-on coding exercises and projects, providing personalized assistance and feedback to ensure effective learning outcomes.
- Collaborated with faculty members and industry experts to integrate the latest industry practices and emerging trends into workshop content.
- Mentored participants in research projects and independent learning, guiding them in technique selection, algorithm implementation, and result interpretation.
- Implemented a robust assessment system, including quizzes, project submissions, and evaluations, to monitor participant progress and provide constructive feedback.
- Actively contributed to the continuous improvement of workshop materials, updating content based on participant feedback and advancements in the field.

Eagletfly Solutions, *Data Science Trainer / Personality Development Trainer*   Jan 2023 – Jul 2023 │ Noida, India
- Conducted training sessions on data science fundamentals, machine learning algorithms, and statistical analysis for diverse groups including corporate clients, university students, and professionals.
- Developed and delivered engaging presentations, demonstrations, and hands-on exercises to enhance comprehension and application of data science concepts.
- Created and updated training materials, including slides, code examples, and assignments, ensuring their relevance and effectiveness.
- Mentored learners throughout their data science journey, offering personalized support and constructive feedback.
- Collaborated with cross-functional teams to customize training programs based on industry needs and learner requirements.

Softpro India, *Data Science Trainer / Personality Development Trainer*   Jan 2023 – Jul 2023 │ Lucknow, India
- Facilitated sessions on self-awareness, communication skills, relationships, emotional intelligence, leadership, and personal branding.
- Developed customized training programs to meet specific participant needs, ensuring maximum impact.
- Utilized experiential learning, role-plays, case studies, and group activities for active engagement.
- Provided personalized coaching and feedback to support individual growth and goal achievement.
- Conducted assessments and evaluations to measure progress and make improvements.
- Fostered a positive and inclusive learning environment based on mutual respect and open communication.

Interests

- Public speaking
- Creative writing
- Travelling
- Swimming