Aashok Kumar

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in https://www.linkedin.com/in/techaieashok ○ https://github.com/loavespacetc

Profile

Passionate about new technology having experience of 2 years in Python, Data Science, Machine Learning, SQL, Cloud, etc. I have worked on various projects in different domains of AI and ML field to solve challenging business problems.

Professional Experience

System Engineer, *TCS* ↗   Oct 2021 – present | Bangalore, India
- *Cra strategies to minimize risks in decision-making and enhance profitability through the use of data science*
- *Working within an agile environment, I have effectively managed multiple tasks and priorities while collaborating with cross-functional teams to deliver projects on time and to a high standard. I have participated in daily stand-up calls and worked within sprint cycles to ensure the timely delivery of key deliverables.*
- *My strong analytical skills, combined with my ability to communicate complex findings in a clear and concise manner, have allowed me to effectively contribute to decision-making processes and drive positive business outcomes. I am highly motivated and take pride in delivering high-quality work that meets the needs of stakeholders and exceeds expectations.*
- *Performed exploratory data analysis for the customer data a er cleaning the raw data, to derive meaningful insights and outcomes.*
- *Build predictive models using different machine learning algorithms to predict the probability of customer on-time loan repayment. I have also utilized Tableau to create compelling visualizations to support my findings and insights.*
- *Evaluated the accuracy of the models through the use of metrics such as the classification report, confusion matrix, AUC score, etc.*
- *Utilized various Python libraries including NumPy, Pandas, Matplotlib, Seaborn, Scikit-learn, PySpark, and SciPy to effectively perform data analysis and modeling.*
- *Applied various tools such as Tableau, Jupyter Notebook, TensorFlow, Anaconda, Git, Jira, Confluence, and Docker in data analysis and modeling processes to increase efficiency and effectiveness.*

Assistant System Engineer, *TCS* ↗   Mar 2021 – Sep 2021 | Bangalore, India
- *Involved in the analysis of test cases, writing of feature files using the Gherkin language a business decipherable language, and implementation using C# for automation testing.*
- *Used UFT Developer for capturing objects during automation testing and development.*
- *Utilized various tools such as Visual Studio, UFT Developer, Jira, Confluence, etc to perform automation.*
- *Received the Learning Achievement Award in recognition of my dedication and achievements in professional development.*
- *Successfully passed the internal assessment and received a digital profile, leading to a promotion to the position of System Engineer.*

Personal Projects

Prediction of customer eligibility for credit using Machine Learning ↗
- Worked with a large dataset of Taiwan customers to predict the likelihood of default payments and support informed decision-making.

- Implemented various Machine Learning Algorithms including Logistic Regression, Support Vector Machine, K-Fold Cross Validation, Random Forest, K-Nearest Neighbor, and Artificial Neural Network to achieve optimal results.
- Achieved the highest accuracy in predictions by utilizing the Artificial Neural Network Algorithm.

Skills

| Python | Numpy | Pandas | Matplotlib | Seaborn | Tableau | Jupyter Notebook |

| Machine Learmning | Scikit-learn | SciPy | Natural Language Process | Deep Learning |

| Tensorflow | Statistics & Probability | Problem-Solving | PySpark | Git | Docker |

| SQL | C | C# | Jira |

Certificates

Microso   Certified - Azure AI Fundamentals (AI 900) ⧉
(01/2023 - Present), Certified from Azure

AWS Certified Cloud Practitioner (AWS CCP) ⧉ *(12/2022 -*
12/2025), Certified from AWS

Microso Certified - Azure Fundamentals (AZ 900) ⧉ *(11/2022 -*
Present), Certified from Azure

Google Cloud Certified - Associate Cloud Engineer (GCP ACE) ⧉ *(10/2022 -*
10/2025), Certified from GCP

Machine Learning and Statistical Analysis Unit II ⧉
(03/2020 - Present), Certified from World Quant University (WQU)

Scientific Computing and Python for Data Science Unit I ⧉
(12/2019 - Present), Certified from World Quant University (WQU)

Education

Bachelor of Technology (B.Tech),   2016 – 2020 | Greater Noida, India
Noida Institute of Engineering & Technology (NIET) ⧉
Electrical & Electronics Engineering | CGPA - 8.86

Languages

English | Hindi

Interests

Reading (Journals, Self-help book) | Listening Music | Travelling | Social Activities | Exercise

Watching Movie