Ashvini Jagannath
Phone: +919741574936
Email: alashettyashvini@gmail.com
LinkedIn: www.linkedin.com/in/ashvinialashetty
GitHub: https://github.com/alashetty93

Summary: I am a highly skilled and experienced data scientist with a strong background in deep learning. With a Ph.D. in Data Science and 3.5 years of industry experience, I specialize in machine learning, data analysis, and Python programming. I am proficient in popular deep learning frameworks such as TensorFlow and Keras. I am passionate about leveraging data-driven insights to solve complex business problems.

Education:

- Ph.D. in Data Science, Karnataka State Akkamahadevi Women's University, Vijayapura
- Master's Degree in Computer Science, Gulbarga University, Kalaburagi (August 2016)
- Bachelor's Degree in Science, Govt First Grade College Basavakalyan (July 2014)

Experience: Data Scientist, Rookmini Infosolution, May 2020 - Present

- Developed credit risk models to assess the likelihood of default and determine creditworthiness for financial institutions.
- Utilized statistical techniques, machine learning algorithms, and data analysis to build predictive models for credit risk assessment.
- Implemented feature engineering, data preprocessing, and model selection to ensure accurate and robust credit risk predictions.
- Collaborated with risk management teams to incorporate domain knowledge and industry-specific factors into the credit risk models.
- Evaluated model performance and conducted ongoing model monitoring to ensure effectiveness and compliance with regulatory requirements.
- Contributed to the development of credit risk policies and guidelines based on insights from the models, enabling informed decision-making and risk mitigation strategies.

Skills:

- Deep Learning: TensorFlow, Keras, PyTorch

- Machine Learning: supervised and unsupervised learning
- Programming: Python
- Data Analysis: Pandas, NumPy, Matplotlib, Seaborn
- Tools: Jupyter Notebook, Git, AWS, Azure

Certifications:

- Python for Data Science, NPTEL Online Certification

Projects:

- Covid19 Pneumonia Prediction:
- Developed an image classifier using deep learning techniques and TensorFlow to classify images with a high degree of accuracy as part of Ph.D. research.
- Amazon Products Review:
- Developed a natural language processing model using PyTorch to classify the sentiment of customer reviews.

Publications:

- "Prediction of Diabetes Mellitus Using Machine Learning Techniques." Journal of Scientific Computing, http://jscglobal.org/Volume-11-Issue-1-2022/, 11/10/2021.
- "A Machine Learning Approach to Reduce the Diabetes Patient's Readmission Risk Using a Novel Pre-processing Technique." IEEE Publication, 23 December 2022.
- "Machine Learning Based Readmission Prediction for Diabetes Patients Using Hospital Readmission Reduction Technique (HRRT)." Journal of Coastal Life Medicine, https://jclmm.com/index.php/journal/article/view/285, 1/17/2023.
- "Prediction of Diabetes Mellitus Using Machine Learning Techniques." International Conference ICAISC2021, February 2021.