

Ankur Laroia

+1-945-244-7727; ankurlaroia28@gmail.com; Plano, Texas, 75075; [Ankur Laroia | LinkedIn](#)

EDUCATION

The University of Texas at Dallas Master of Science, Business Analytics Data Science Cohort Applied Machine Learning Specialization	May. 2024
SRM Institute of Science and Technology , Chennai, India Bachelor of Technology, Computer Science Engineering	May. 2021 GPA 3.8

CERTIFICATION

AWS Cloud Practitioner Certification , Link	Dec. 2023
--	------------------

SKILLS

- Effective communication, customer service, and decision-making with an analytical approach.
- Self-motivated team player with extensive experience in content creation.
- Social media marketing, and design leadership.
- **Programming languages:** R, Python, SQL.
- **Machine learning libraries and frameworks:** TensorFlow, scikit-learn, Pandas, Numpy, Matplotlib.
- **Data visualization tools:** Tableau, PowerBI, Matplotlib, Seaborn, ggplot.
- **Data storage and management tools:** SQL databases (MySQL), NoSQL databases (MongoDB).
- **Big data tools:** Apache Spark, Hadoop, and Apache Storm.
- **Data manipulation and cleaning tools:** Pandas, Numpy.
- **Collaboration and project management tools:** Jupyter Notebook, GitHub, Dataiku.

PROJECTS

Credit Risk Modeling	Jan. 2023 - Mar. 2024
<ul style="list-style-type: none">• Developed and deployed a sophisticated machine learning model using TensorFlow, achieving a 96.1% accuracy rate in predicting customer churn.• Conducted comprehensive feature engineering and data preprocessing using Pandas, Scikit-learn, resulting in a notable 30% reduction in false positives.• Achieved 96% accuracy through data segmentation using CNN on top 3 levels across different parameters.	
Diabetic Retinopathy Detection using Mobilenetv2 and PYQT Based GUI – Published , Link	Jan. 2021 – Apr. 2021
<ul style="list-style-type: none">• Collaborated with cross-functional teams to spearhead the development and implementation of machine learning models for predictive maintenance and customer segmentation, driving actionable insights for business strategies.• Led data cleaning, preprocessing, and feature engineering initiatives on large datasets, enhancing model performance and accuracy.• Engineered a PyQT-based graphical user interface (GUI) for visualizing diabetic retinopathy detection results, optimizing user interaction and comprehension.• Attained a 96% accuracy milestone by leveraging Convolutional Neural Networks (CNN) through meticulous data segmentation across multiple parameters, effectively improving diagnostic precision.	

PROFESSIONAL EXPERIENCE

Wolters Kluwer , Houston, Texas Data Science Intern	Jun. 2023 - Aug. 2023
<ul style="list-style-type: none">• Demonstrated expertise in designing predictive models and implementing AI solutions to address governance, risk, and compliance challenges within dynamic markets during an internship tenure.• Facilitated tangible improvements in business performance and decision-making processes through effective collaboration with cross-functional teams.• Spearheaded the implementation of an automated data pipeline utilizing Dataiku and Apache Solr, significantly accelerating indexing processes for enhanced efficiency and accessibility of information.	
Cognizant Technology Solutions India Ltd , Bengaluru, India Programmer Analyst Trainee	Jan. 2021 – Jun. 2021
<ul style="list-style-type: none">• Spearheaded a 40-member team, ensuring daily data provision using Microsoft Excel, maintaining consistency and accuracy.• Attained a 100% task rate while leading, developing a time-based logging interface optimizing data storage and retrieval processes.	
Cognizant Technology Solutions India Ltd , Bengaluru, India Programmer Analyst	Jul. 2021 – Jul. 2022
<ul style="list-style-type: none">• Collaborated with supervisors to ensure effective implementation of new procedures via thorough validation and testing.• Analyzed internal processes, data, and problems to identify areas for improvement and recommended solutions.	

Indian Students Association Sangam 2023	Mar. 2023
<ul style="list-style-type: none">• Effectively resolved event issues, managed VIPs, and exceeded expectations through dedicated, adaptable work.	