Venkata Riteesh Bavireddy

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EXPERIENCE

Johnson & Johnson, Boston, USA **Oct 2023 – Present**

Data Coordinator

- Managed data handover issues for Regulatory Affairs (RA) with global government organizations, ensuring compliance with FDA, EUDAMED, South Korea, China, and Saudi Arabia requirements.
- Collaborated with a team to develop data pipelines for over 20 Operating Companies, facilitating seamless data flow for product releases in multiple countries.
- Maintained and monitored a comprehensive report tracking 8,000-15,000 monthly records submitted to the FDA, ensuring accuracy and compliance.

Northeastern University, Boston, USA **Sept 2022 – Dec 2022**

Teaching Assistant

- Developed engaging educational activities and workshops on advanced cryptocurrency analytics, increasing peer participation by 30% and raising course completion rates by 95%.

Eco Bag Factory, Hyderabad, India **Sept 2020 – Dec 2021**

Junior Data Scientist

- Built and implemented machine learning models using different Regression algorithm to forecast paper bag demand, achieving 90% accuracy and cutting inventory costs by 20%.
- Conducted thorough analysis of historical data with the Random Forest algorithm to improve demand predictions, increasing production efficiency by 25% and reducing waste by 30%.
- Applied data-driven strategies to identify and acquire new customers, resulting in a 35% increase in new client acquisition.

Theems Advertisements, Hyderabad, India **Nov 2018 –Jul 2020**

Junior Data Analyst

- Worked with a team to apply K-means clustering for customer segmentation, increasing targeted ad effectiveness by 40% and improving customer acquisition rates by 25%.
- Leveraged machine learning insights to refine advertisement strategies, boosting ad retention by 30% and enhancing customer engagement by 20% across multiple states in India.

EDUCATION

Northeastern University, Boston, USA | **Master's in Information Systems**

Vellore Institute of Technology, Vellore, India | **Bachelors in Electronics & Communication Eng (IOT)**

CERTIFICATIONS

- Super vised Machine Learning: Regression & Classification – ***Stanford Online*** | Verification
- Foundations of Cyber Security – ***Google*** | Verification
- Play it Safe – Manage Security Risks – ***Google*** | Verification
- Google Analytics Individual Qualification – ***Google*** | Verification

COMPETENCIES

- **Programming Skills:** Python (Pandas, NumPy, Sci-kit learn, PULP, TensorFlow, PyTorch, Matplotlib, Seaborn etc), MySQL, Java, JavaScript, Solidity, Azure SQL, HTML/CSS, TypeScript.
- **Libraries:** React, Open Zeppelin, Bootstrap, Sass, Node.js, Angular, Hardhat.
- **Machine Learning:** Supervised, Unsuper Vised Learning, Optimization, Classification, Regression, Regularization, KNN, SVM, Naïve Bayes, Decision Tree, Random Forest, Natural Language Processing
- **Deep Learning:** ANN, CNN, RNN, LSTM, GAN, Transformers
- **Tools:** Jupyter Notebook, Visual Studio Code, Google Cloud, Google Colab, NetBeans, IntelliJ, Git, Jira, RStudio, Figma, Tableau, Canva, Mock-ups, Balsamic

PROJECTS

Exploratory Data Analysis of Cyber Attacks: Conducted EDA of cyber-attacks using Jupyter Notebook and essential libraries like Pandas, Seaborn, Scikit, & Matplotlib to identify attack types with 95% accuracy, enhancing threat detection efficiency by 30%.

Advanced Analytics & Price Prediction Model for UAE Auto Sales Data: Performed Analytics & Price Prediction Model for UAE auto sales data, achieving 92% accuracy in predicting car prices using Random Forest Regression and improving strategic decision-making in auto sales by 15%.

Classification of Images Birds Vs Squirrels: Implemented EfficientNetB3 with ImageNet transfer learning using neural network architectures and data augmentation techniques for classifying bird vs. squirrel images with 78% accuracy, improving model performance by 20%.