

Aman Sai Krishna Bukkapatnam

Data Analyst / Scientist

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PROFILE

Entry-level Data Analyst / Scientist equipped with relevant technical and analytical skills capable of working on any problem. Looking for a challenging yet fulfilling role to leverage my skills and experience.

PROFESSIONAL EXPERIENCE

Data Scientist Intern, Analytics Vidhya

11/2022 – present

- Creating data visualization Dashboards, translating complex data sets into comprehensive visual representations in Power BI.
- Solving the problem of customer attrition and financial leakage by analyzing the drivers of attrition and identifying the at-risk learners.
- Performing event-based and impact-based analysis on attrition to optimize the delivery of the product.

Machine Learning Engineer Intern, Feyn Labs

12/2021 – 02/2022

- Identified small business sector where AI can be applied and came up with an abstract product framework/model with a detailed report.
- Supervised, Managed and Motivated team members on a project of Machine Learning Job Market and its trend in India being a Team Leader.
- Presented Various Ideas and findings on integrating Artificial Intelligence into various fields.

EDUCATION

Bachelor of Technology in Computer Science and Engineering,

PVKK Institute of Technology

2018 – 2022

Anantapur, Andhra Pradesh, India

SKILLS

Programming Languages (Python : NumPy, Pandas, Scikit-learn, TensorFlow, PyTorch)

Data Analysis and Visualization (SQL, Jupyter Notebooks, Tableau, Matplotlib, Seaborn, Plotly, Power BI)

Machine Learning (Supervised Learning (Classification, Regression), Unsupervised Learning (Clustering, Dimensionality Reduction), Ensemble Learning (Random Forest, Gradient Boosting), Neural Networks and Deep Learning, Natural Language Processing (NLP), Recommender Systems)

Database Management Systems (SQL databases (MySQL, PostgreSQL), NoSQL databases (MongoDB))

Version-Control (Git) | **Office Tools** (Excel, Word, Power Point)

PROJECTS

Supply Chain Analytics Dashboard, (Data Analysis : Power BI, SQL)

- Integrated data from diverse supply chain sources and executed data cleansing and transformation for accurate analytics.
- Created an interactive, visually engaging Power BI dashboard and developed custom visuals and charts to convey supply chain insights.
- Utilized Power BI's ML capabilities for demand forecasting and have also set up automated alerts to proactively address supply chain issues.

Real Estate Price Predictor, (Machine Learning : Python, Numpy, Pandas, Matplotlib, Scikit-Learn)

- Analyzed housing prices and various factors that impact the pricing. Created various visualizations which provide insights about the data.
- Created a regression model which can accurately estimate the price of the house given the features.
- Developed a user-friendly web page with the Regression model with which user can estimate the price with the desired features.

Cardio Disease Prediction System, (Deep Learning: Tensorflow, Multi-layer Perceptron, Deep Neural Network)

- Developed a robust deep learning model utilizing TensorFlow and Keras to predict heart disease risk based on electronic health records.
- Optimized neural network architectures, including multi-layer perceptrons, achieving a effective predictive accuracy on a test dataset.
- Communicated results effectively through data visualizations using Matplotlib and Seaborn, providing actionable insights for healthcare professionals.