BINEET KUMAR GUPTA

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Bineet-gupta Bineet117

SUMMARY

Highly motivated and aspiring data scientist eager to contribute skills to dynamic, data-driven projects. Proficient in Python, SQL, and R, with a solid foundation in data manipulation, analysis, and visualization. Committed to continuous learning and growth, aiming to leverage academic background and passion for data science to make data-driven decisions that drive innovation and solve complex problems.

EDUCATION

JAIN University, Bengaluru Aug. 2023 - Current
Master's Data Science & Analytics 2025

St. Xavier's College, Ranchi June 2019 - June 2022
Bachelor's Statistics 2022

St. Jagat Gyan Public School, Ranchi Apr. 2017 - Apr. 2019
Intermediate Science 2019

St. Jagat Gyan Public School, Ranchi Mar. 2015 - Mar. 2017
Matriculation 2017

INTERNSHIP

BSM International, *Data Science Intern*, Guwahati Jan. 2024 - Mar. 2024

- Collected and cleaned sales data, conducted EDA, and created visualizations using Python.
- Performed customer segmentation, increasing targeted marketing effectiveness by 20%.
- Developed predictive models with 85% accuracy for sales forecasting.
- Automated data workflows, reducing manual processing time by 30%, and provided actionable recommendations for sales optimization.

SKILLS

LANGUAGES: Python, R, JavaScript, HTML, CSS, SQL, MongoDB, Streamlit, Flask
INDUSTRY KNOWLEDGE: Machine Learning, Mathematics, Statistics, Web Scraping, Data Wrangling, Data Modeling
LIBRARIES: Numpy, Pandas, Scikit-learn, Matplotlib, Seaborn, Scipy
TOOLS: Jupyter, MySQL, Tableau, Github, Git, Power BI
ALGORITHMS: Linear Regression, Ridge Regression, Lasso Regression, Logistic Regression, Naive Bayes, KNN, Decision Trees, Random Forest, AdaBoost, XGBoost, K- Mean Clustering, DBSCAN, Hierarchical Clustering
OFFICE: Word, Excel, PowerPoint
STATISTICAL ANALYSIS: Hypothesis Testing, Regression Analysis, Time series Analysis
DEEP LEARNING FRAMEWORKS: TensorFlow, Keras
SOFT SKILLS: Good Communication

PROJECTS

Application of Data Science to reduce Employee Attrition

- The project aimed to reduce employee attrition through the application of data science.
- Python was used to build a classification model using various machine learning algorithms such as logistic regression, Naive Bayes, decision tree, and random forest.
- Additionally, hyperparameter tuning and boosting methods were employed to improve the accuracy of the model.
- The potential user behavior of the data was analyzed, and the random forest algorithm was used to predict employee attrition with high accuracy and recall score of 96%.
- TOOLS USED : Python, NumPy, Pandas, Scikit-Learn, Classification.

Laptop Price Prediction (End-to-End ML Project)

- The project aimed to predict the price of a laptop using various data science techniques.
- Exploratory data analysis was performed to understand data distributions, identify feature relationships, and engineer relevant variables, thereby enhancing model performance.
- Various algorithms were implemented, including Linear Regression, K-Nearest Neighbor, Decision Tree, Random Forest, AdaBoost, XGBoost, and Gradient Boosting, to predict laptop prices effectively.
- The XGBoost model, with an accuracy of 90%, was deployed to a production environment using Streamlit, providing a user-friendly interface for price predictions.
- TOOLS USED: Python, NumPy, Pandas, Seaborn, Matplotlib, Scikit-Learn, Streamlit.

CERTIFICATIONS

Udemy, *Python for Data Science and Machine Learning Bootcamp*

Accenture, *Data Analytics and Visualization*

Boston Consulting Group, *Data Science*

VOLUNTEERING

XAVIER UTSAV, *Fest Volunteer*
(Ranchi)