Aniket Gode

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Passionate Data Analyst with a master's degree in Data Science, dedicated to uncovering actionable insights and optimizing business performance. Skilled in orchestrating data-driven strategies and accelerating decision-making through advanced analytics. Adept at crafting predictive models and visualizations to revolutionize organizational success.

SKILLS

Data Analysis Tools and Languages: Python, Power BI, SQL, Excel, GitHub
Specialties: Project Management, Emotional Intelligence, Reporting, Hypothesis Building & Validation, Documentation, Communication, Problem Solving, Critical Thinking, Statistical Analysis, Logical Reasoning, Decision-Making
Coursework: Machine Learning (Supervised & Unsupervised), Data Mining, Data Visualization, Clustering & Classification, Databases, Predictive Analytics, Linear/Logistic Regression, Neural Networks, Statistical Modeling, Exploratory Data Analysis
Key Strengths: Interpersonal Skills, Quick Learner, Strong Mathematical Background, Attention to Detail

INTERNSHIP / PROJECTS

UNIFIED MENTOR — **MUMBAI, INDIA**
Data Science Intern — **Jun 2024 – Jul 2024**

- **Accomplished 85% accuracy** in identifying employee attrition drivers by implementing logistic regression models.
- **Interpreted** workforce trends using emotional intelligence, providing data-driven insights to optimize retention strategies.

RETAIL SALES ANALYTICS — **Nov 2024 – Dec 2024**

- **Identified a 20% increase** in sales on weekends and **15-20% discounts** as the most effective drivers of unit sales.
- Highlighted that **Furniture and Electronics contribute 60%** of total revenue, aligning with higher marketing spend efficiency.

HOUSE PRICE PREDICTION DASHBOARD — **Oct 2024 – Nov 2024**

- Demonstrated that **houses built post-2000 are valued 30% higher** on average compared to older properties.
- Revealed that **Urban and Downtown properties** with garages and multi-floor layouts command **25% higher prices.**

FAKE NEWS DETECTION — **Sept 2024 – Oct 2024**

- **Accomplished 99% accuracy** in detecting fake news by deploying hybrid NLP and machine learning models (Logistic Regression, Decision Tree, Gradient Boosting, Random Forest).
- **Engineered** advanced feature extraction through manual data processing and optimized project workflows to deliver timely results.

HYBRID MOVIE RECOMMENDATION SYSTEM — **Sept 2024 – Sept 2024**

- **Achieved 95%** predictive accuracy by pioneering collaborative filtering and matrix factorization techniques, delivering highly personalized recommendations.
- **Ensured** reliability by orchestrating a hybrid integration of user-item and content-based filtering models, addressing diverse user preferences.

E–COMMERCE DATA ANALYSIS — **Aug 2024 – Sept 2024**

- **Optimized** inventory management and strategy by uncovering demand trends using time series analysis (ARIMA).
- **Scrutinized** sales patterns and visualized results with Seaborn and MATLAB to deliver actionable insights for stakeholders.

CREDIT RISK ANALYSIS — **Aug 2024 – Aug 2024**

- With **99% accuracy outperformed** predictive benchmarks in loan risk classification using Logistic Regression and Random Forest.
- **Devised** robust preprocessing techniques including imputation, encoding, and scaling to maximize model performance.

DIABETES DETECTION **Oct 2023 – Oct 2023**

- **Accomplished 75% accuracy** in predicting diabetes by designing Decision Tree, Random Forest, and Logistic Regression models.
- **Diagnosed** data issues through cleaning, missing value imputation, and feature scaling to enhance model reliability.

AMAZON PRODUCT REVIEW ANALYSIS **Sept 2023 – Sept 2023**

- **Transformed** sentiment analysis by achieving high-precision and F1-scores using TF-IDF vectorization and machine learning models (Random Forest, Decision Tree, SVM).
- **Probed** customer feedback through n-gram analysis to refine predictive accuracy.

STUDY OF IMPROVING SOCIAL MEDIA MARKETING USING DATA MINING **Feb 2023 – Aug 2023**

- **Spearheaded** data extraction using the YouTube Data API and structured datasets in Pandas and NumPy for seamless integration in R.
- **Commanded** machine learning models (Decision Tree, KNN, Random Forest), **achieving 92%** classification accuracy and **87% clustering** alignment in engagement analysis.
- **Architected** visualizations in Python and R (bar plots, heatmaps, correlation matrices) to provide actionable insights, enhancing content strategy and audience engagement.

EDUCATION

POSTGRADUATE DEGREE **SUNDERLAND, UK**
University of Sunderland **Sept 2022 – Dec 2023**
UNDERGRADUATE DEGREE **MUMBAI, INDIA**
Lokmanya Tilak College of Engineering **Jul 2017 – Jul 2021**

CERTIFICATION

- Data Science Internship - Unified Mentor (Jul 2024)
- Excel Basics for Data Analysis - IBM (Dec 2023)
- Foundations: Data, Data, Everywhere - Google (Dec 2023)
- Data Science Bootcamp - Udemy (Aug 2023)
- SQL for Data Analysis - LinkedIn Learning (Jul 2023)
- Visualise Data with Power BI - Growth School (Jul 2023)
- Microsoft Power BI - Udemy (Apr 2021)