UMESH GADHAVE

Data Science Intern with Strong Analytical Skills and Passion for Impactful Results

As a Masters in Computer Science student, I have gained valuable experience and expertise in data analysis and machine learning. With a strong focus on problem-solving, I can extract actionable insights from complex datasets and deliver impactful results. I am eager to apply my skills to real-world projects and thrive in team environments. I am dedicated to staying up-to-date with the latest advancements in the field to continually improve and enhance my work.

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SKILLS

- **Programming Languages**: Python (NumPy, pandas, scikit-learn)
- **Data Visualization**: Matplotlib, Seaborn, Plotly, Tableau
- **Data Analysis**: Exploratory Data Analysis (EDA), Data Cleaning, Feature Engineering
- **Machine Learning**: Regression, Classification, Clustering, Natural Language Processing (NLP), Recommendation Systems
- **Statistical Analysis**: Hypothesis Testing, A/B Testing, Time Series Analysis
- **Data Preprocessing**: Data Normalization, One-Hot Encoding, Feature Scaling
- **Database Management**: SQL
- **Tools**: Jupyter Notebook, Anaconda, Git, GitHub
- **Model Evaluation and Validation Techniques**: Cross-Validation, Grid Search, ROC curves
- **Ensemble Methods**: Random Forest, Gradient Boosting
- **Natural Language Processing**: Text mining, Sentiment Analysis, Topic Modeling
- **Feature Selection and Dimensionality Reduction:** PCA, Lasso, Ridge Regression
- Communication and Presentation Skills

CERTIFICATES

- **Data Science Certification.**
  Excelr Solution Pune – (February 2024)

- **Data Science Internship**
  Ai Variant– (June 2023 – February 2024)

- **Junior Software Developer**
  (March–2019)

EXPERIENCE

DATA SCIENCE - INTERN

AI VARIANT BANGALORE (JUNE-2023 - FEBRUARY-2024)

- ·Collaborated with a team to analyze and interpret intricate datasets, enabling strategic decision-making for business outcomes.
- ·Conducted exploratory data analysis to detect patterns and trends, providing valuable insights for actionable results.
- ·Assisted in developing and implementing data-driven strategies to enhance business processes.
- ·Employed machine learning techniques to construct predictive models, amplifying data-informed decision-making capabilities.
- ·Gained hands-on experience in data preprocessing, modeling, and evaluation through participation in real-world projects.

PROJECTS

BOOK RECOMMENDATION :

- Analyzed and interpreted large datasets containing information about books, users, and ratings
- Extracted and transformed relevant information for analysis, while also ensuring accuracy and consistency by **cleaning** and **standardizing** the data
- **Communicated** insights and trends in customer preferences effectively through various visualization techniques
- **Developed** and **implemented** a predictive model using machine learning algorithms to recommend books based on user preferences
- Continuously **improved** the performance of the recommendation system through iterative **optimization** and **evaluation**.

HOTEL REVIEW CLASSIFICATION :

- Developed a **classification model** to analyze and classify hotel ratings, identifying factors influencing **positive or negative ratings**.
- Utilized **data preprocessing**, **feature engineering**, and machine learning algorithms.
- Achieved high accuracy in **classifying hotel ratings**.
- Provided valuable insights for hotel managers to improve **customer satisfaction** and **decision-making.**
- Strong **collaboration** and **communication skills** in working with team members and stakeholders.

EDUCATIONAL HISTORY

BAMU UNIVERSITY - [October 21 - May 23]

MASTERS IN COMPUTER SCIENCE - [CGPA : 8.35]

BAMU UNIVERSITY - [September 19 - May 21]

BACHELOR OF COMPUTER SCIENCE - [74.43%]

HSC PUNE BOARD - [February -2018]

SSC LATUR BOARD - [March -2016]