Bhagyashree Mahajan

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| **ACADEMIC QUALIFICATIONS** | | | |
| **Qualifications** | **Year** | **College/School/Institute** | **University** |  |
| Graduation | 2023 | KES Shroff College, Mumbai | Mumbai University |  |
| 12th Std | 2020 | Swami Vivekanand International School and Jr College, Mumbai | Maharashtra Board |  |
| 10th Std | 2018 | Indian Education Society, Mumbai | Maharashtra Board |  |
| **PROFILE SUMMARY** | | | |
| * Proficient in utilizing Excel and Python for data analysis and visualization. * Capable in crafting machine learning models and crafting engaging data visualizations. * Certified in Advanced MS Excel and Data Analysis, showcasing expertise in data handling. * Completed virtual internships focused on data visualization and machine learning. * Possesses strong communication skills, adaptability, and a collaborative mindset. | | | |

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| **EXPERIENCE** |

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| **AI Variant Data Analyst Intern SEP’23 – DEC’23**   * Led a collaborative effort within a team to manage and refine extensive datasets, significantly improving data quality and accuracy for a critical bank loan analysis project. * Utilized advanced Excel **Power Query** techniques to **clean** and **standardize data**, resulting in a 20% reduction in data errors and inconsistencies. Integrated datasets to optimize data integrity, reducing redundant columns by 10% and harmonizing disparate data sources for more efficient analysis. Additionally, leveraged SQL expertise to extract and analyze critical KPIs. * Created high-impact dashboards using **Excel**, **Power BI**, and **Tableau**, improving **data visualization** and enabling enhance process to make informed decisions based on finance KPIs. This effort contributed to a 15% increase in actionable insights, particularly through Power BI, for the finance domain. * Continuously sought out and implemented new tools and techniques to enhance data analysis processes, resulting in a 5% increase in productivity. * This hands-on experience has fostered a deep understanding of **data management**, **analysis**, and visualization within the finance sector, providing a robust foundation for contributing effectively to industry challenges. | |
| **VIRTUAL INTERNSHIPS** | |
| **LetsGrowMore Data Science Intern MAR’23 – APR’23**   * Developed decision tree algorithm for classification with data preprocessing and feature engineering. * Analyzed Iris dataset, ensured data integrity through cleaning and preprocessing. * Utilized statistical techniques and data visualization to accurately classify Iris flower species. * Developed LSTM model for time series prediction with data preprocessing and hyperparameter tuning. * Demonstrated strong problem-solving skills and proficiency in Python for machine learning. | |
| **The Sparks Foundation Data Science & Business Analytics Intern APR’23 – MAY’23**   * Utilized supervised machine learning techniques to predict student performance based on study hours using Linear Regression with Python's Scikit Learn library. * Developed a model to forecast the percentage of a student based on the number of study hours. * Employed unsupervised machine learning methods, specifically K-Means Clustering. * Determined the optimal number of clusters and represented them visually. | |
| **Bharat Intern Data Science & Business Analytics Intern MAY’23 – JUN’23**   * Developed stock price prediction system using LSTM neural networks, preprocessing historical data, and evaluating performance. * Built Titanic survival prediction system, preprocessing and analyzing data, using machine learning algorithms, and presenting findings. | |
| **ACADEMIC PROJECTS & ACHIEVEMENTS** | |
| **Certifications** | * Excelled in **Advanced MS Excel** by Kes Shroff College (2021) * Achieved certification as **Data Analyst** by Excel R(2023) * Successfully completed Tata **Data Visualisation** Virtual Internship (2023) * Completed the **Introduction to Large Language Models by Google** (2023) * Completed Accenture **Data Analytics** and Visualization Job Simulation virtual internship (2023) * Achieved certification as **Data Science** by Excel R(2023) |
| **Projects** | * **WhatsApp Chat Analyzer** **-** Developed a WhatsApp chat analyzer tool to extract insights from chat data, enabling users to visualize chat trends and analyze communication patterns. * **Digital CV -** Created a digital CV platform that enhances traditional resumes with interactive elements, showcasing skills and experiences in a dynamic and engaging format. * **Air Canvas -** Created an Air Canvas using OpenCV and Mediapipe, allowing users to draw in the air with hand gestures. |
| **ADDITIONAL INFORMATION** | |
| **Technical Skills** | * Microsoft Excel, Microsoft Word, Microsoft PowerPoint, Data Analysis, Data Visualization, Data Mining, Python, Computer Vision, Deep Learning, Machine Learning, Open cv, Tableau, NLP, Power BI |
| **Soft Skills** | * Adaptability, Communication Skills, Teamwork, Hardworking |
| **Languages Known** | * English, Marathi, Hindi |