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.

EXPERIENCE

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 sec 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.

ADDITIONAL INFORMATION

Technical Skills	▪ Microsoft Excel, Microsoft Word, Microsoft PowerPoint, Data Analysis, Python, Machine Learning, Tableau, Data Visualization, Data Mining, Power BI
Soft Skills	▪ Adaptability, Communication Skills, Teamwork
Languages Known	▪ English, Marathi, Hindi