# Bhagyashree Mahajan

Mumbai, Maharashtra, India |+918104918297| mahajanbhagyashree377@gmail.com | https://github.com/shreearn

## 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 |

## EXPERIENCE

**AI Variant**　　　　　　　　　　　**Data Analyst Intern**　　　　　　　　　　　**SEP'23 – DEC'23**

- Led a collaborative effort within a team to manage and refine extensive Excel 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 25% reduction in data errors and inconsistencies. Integrated datasets to optimize data integrity, reducing redundant columns by 30% 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 10% 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

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|---|---|
| **Certifications** | ▪ Excelled in **Advanced MS Excel** by Kes Shroff College (2021)<br>▪ Achieved certification as **Data Analyst** by Excel R (2023)<br>▪ Successfully completed Tata **Data Visualisation** Virtual Internship (2023)<br>▪ Completed the **Introduction to Large Language Models by Google** (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.<br>▪ **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

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| **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 |