

Harikesh Kushwaha

Location: New Delhi, Delhi

[LinkedIn](#) | [Portfolio](#) | [GitHub](#) | [Kaggle](#)

Email: harikesh.kushwaha.jobs@gmail.com | Mobile: +919838422934

ASSISTANT MANAGER

I am a graduate student with strong **statistical** background and expertise in **SQL, Excel, Python** and **Tableau**. I'm skilled in building statistical models, creating **dashboards**, conducting business analysis, and drawing insights from data. I've excellent understanding of machine learning models and can use them to solve complex problems. Moreover have strong problem-solving skills and ability to communicate effectively.

TECHNICAL SKILLS

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|--------------------|--|
| Languages | : Python, SQL, C++, MATLAB |
| Frameworks | : TensorFlow, Keras, Scikit-learn, Django, Streamlit |
| Libraries | : matplotlib, plotly, pandas, NumPy, Seaborn, BeautifulSoup, Selenium |
| Databases | : MySQL, MongoDB |
| Dev Tools | : VS Code, Git, GitHub, Jupyter Notebook, Tableau, Excel |
| Soft Skills | : Analytical and Problem-Solving Skills, Good Presentation Skills, CFast Learner |

EDUCATION

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| Indian Institute of Technology Delhi <i>Master of Science in Physics, (8.6 GPA)</i> | New Delhi, India <i>July 2021 – May 2023 (Expected)</i> |
| Banaras Hindu University <i>Bachelor of Science in Physics, (8.4 GPA)</i> | Varanasi, Uttar Pradesh India <i>July 2018 – May 2021</i> |

PROJECTS

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|--|---|-----------------------------|
| IBM Data Analytics Capstone Project | <i>pandas, Matplotlib, Web Scraping, Web API, Vizualization</i> | |
| <ul style="list-style-type: none">Gathered and analyzed data from various sources, including API and web scraping. Conducted exploratory data analysis and wrangling to prepare the data for further analysis.Built a dynamic dashboard to extract valuable insights from the collected data, and effectively communicated the findings to others through an engaging presentation. | | |
| House Prices Prediction | <i>Python, pandas, scikit-learn, regression, modeling</i> | Source Code |
| <ul style="list-style-type: none">Analyzed over 80 features to predict house prices using machine learning.Performed data visualization and feature engineering using Matplotlib and Seaborn, respectively.Trained multiple models using scikit-learn and selected the best one by applying grid search and cross-validation. Achieved a top 12% ranking on the Kaggle leaderboard. | | |
| Credit Risk Assesment | <i>Python, pandas, scikit-learn, kaggle</i> | |
| <ul style="list-style-type: none">Developed a credit textbfrisk assessment model by analyzing various customer features, performing data cleaning, feature engineering, and exploratory data analysis.Established a basic model for initial experimentation, and trained advanced models such as LR, SVM, XGBoost, Catboost. Top performing model, achieved a test AUC-ROC score of 0.97 and precision of 0.96. | | |
| Tableau Dashboards | <i>Tableau, Web Scraping, Web API, BeautifulSoup</i> | Music Books |
| <ul style="list-style-type: none">Created an interactive Tableau viz showcasing my Spotify streaming history over several years, using data blending and calculated fields to present key insights.Utilized web scraping techniques to extract my book reading history from Goodreads and created an interactive Tableau dashboard to analyze and visualize the data. | | |

CERTIFICATIONS

- Machine Learning Specialization (DeepLearning.AI) [Certificate](#)
- IBM Data Analyst Capstone Project (IBM) [Certificate](#)
- Deep Learning Specialization (DeepLearning.AI) [Certificate](#)