

Harikesh Kushwaha

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

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DATA SCIENTIST

As a graduate student, I possess a robust **statistical** background and proficiency in cutting-edge technologies such as **Python**, **Machine Learning**, and **Deep Learning**. I have completed a number of projects using Python libraries and SQL. With excellent **problem-solving abilities** and effective communication skills, I am confident that I can seamlessly fit into the role of a data scientist.

TECHNICAL SKILLS

Languages	: Python, SQL, C++
Frameworks	: Scikit-learn, TensorFlow, Keras, PyTorch, Django, Streamlit
Libraries	: Matplotlib, plotly, pandas, NumPy, SciPy, Seaborn, BeautifulSoup, Statsmodels, Selenium
Databases	: MySQL, MongoDB
Dev Tools	: Tableau, Excel, VS Code, Git, GitHub, Jupyter Notebook, AWS
Soft Skills	: Analytical Skills, Good Presentation Skills, Detail-Oriented, Self-Motivated

EDUCATION

Indian Institute of Technology Delhi
Master of Science in Physics, (8.6 GPA)

New Delhi, India
July 2021 – May 2023

Banaras Hindu University
Bachelor of Science in Physics, (8.4 GPA)

Varanasi, Uttar Pradesh India
July 2018 – May 2021

PROJECTS

House Prices Prediction	<i>Python, pandas, scikit-learn, kaggle, Matplotlib, Seaborn</i>	Source Code
<ul style="list-style-type: none">Analyzed over 80 features to predict house prices using machine learning.Performed Exploratory Data Analysis and feature engineering to get insight from data.Trained multiple models using scikit-learn and selected the best one by applying grid search and cross-validation. Used ensemble of the top performing models to achieve a top 10% ranking on Kaggle.		
Food Vision	<i>Python, TensorFlow, Colab</i>	Source Code
<ul style="list-style-type: none">Developed a deep neural network using TensorFlow and Keras to classify 101 categories of food.Used a pretrained EfficientNet model to extract features from the food images, and then fine-tuned the model getting a test accuracy of 80%.		
Titanic - Machine Learning from Disaster	<i>Python, pandas, sklearn, kaggle</i>	Source Code
<ul style="list-style-type: none">Analyzed the Titanic dataset and performed data cleaning, feature engineering, and data visualization.Built several machine learning models including Logistic Regression, Random Forest, and Gradient Boosting and selected the best model using cross-validation.		
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](#)
- Deep Learning Specialization (DeepLearning.AI) [Certificate](#)
- TensorFlow Developer Certificate in 2022: Zero to Mastery (Udemy) [Certificate](#)
- IBM Data Analyst Capstone Project (IBM) [Certificate](#)