

Harikesh Kushwaha

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DATA ANALYST

As a recent graduate with a strong foundation in **statistics** and data science, I have worked on several personal projects with real datasets using SQL and Python. In my projects, I have showcased my skills in **data cleaning**, **data visualizations**, and **modeling**. With a passion for solving complex problems and a drive to constantly learn and improve, I am excited to take on new challenges in the field of Data Science.

TECHNICAL SKILLS

Languages : Python, SQL, C++, MATLAB, JavaScript
Frameworks : Scikit-learn, TensorFlow, Keras, Django, Streamlit, PySpark
Libraries : matplotlib, plotly, pandas, NumPy, Seaborn, BeautifulSoup, Selenium, Statsmodels
Databases : MySQL, MongoDB
Dev Tools : VS Code, Tableau, Cognos, Git, GitHub, Jupyter Notebook, Anaconda, AWS, S3
Soft Skills : Analytical and Problem-Solving Skills, Good Presentation Skills, Communication skills

EDUCATION

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

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.		
IBM Data Analytics Capstone Project	<i>Python, pandas, Matplotlib, Web Scraping, API, Dashboard</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.		
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.		
Credit Risk Assesment	<i>Python, pandas, scikit-learn, kaggle</i>	Source Code
<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.		

CERTIFICATIONS

- Machine Learning Specialization (DeepLearning.AI) [Certificate](#)
- IBM Data Analyst Capstone Project (IBM) [Certificate](#)
- Introduction to Big Data with Spark and Hadoop (IBM) [Certificate](#)