NIKHIL KUSHWAHA

Data Analyst/Data Scientist

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EDUCATION & CERTIFICATIONS

Bachelor of Computer Applications (Hons.)
Bundelkhand UniversityJhansi, India
2019 - 2022

Advanced Data Science & Artificial Intelligence
IIT Madras (Intellipaat)
2022 - 2023

Google Advanced Data Analytics certification
Feb 2024

Microsoft Azure Associate Data Engineer certification
May 2024

EXPERTISE

- Data Analysis
- Statistical Analysis
- Data Management
- Programming
- Machine Learning
- Business Intelligence
- Data Engineering
- Data Visualization
- Domain Knowledge
- Soft Skills

LANGUAGE

- English
- Hindi

PROFILE & ANALYSIS

Hardworking and passionate job seeker with strong organizational skills eager to secure an entry-level Data Analyst/Scientist or Data Engineer position. Ready to help the team achieve company goals

PROJECTS REAL WORLD EXPERIENCE

Olympics Data Analysis Deployed App

- Description: Conducted comprehensive analysis on Olympics data to uncover trends and insights using data cleaning, exploratory data analysis (EDA)
- Technologies Used: Python, Streamlit, Heroku, Jupyter Notebook, pandas, matplotlib, seaborn.
- Key Contributions: Performed data cleaning, feature engineering, and visualization; optimized data handling by pickling large files; developed an interactive dashboard for data exploration and insights.
- Deployment: Deployed the application on Heroku, ensuring efficient online data analysis and visualization.

Email and SMS Spam Classifier Deployed App

- Description: Built an end-to-end classifier to detect spam emails and SMS using natural language processing (NLP) and machine learning techniques.
- Technologies Used: Python, Streamlit, Heroku, Jupyter Notebook, scikit-learn, pandas, NLTK.
- Key Contributions: Applied NLP techniques for text preprocessing and feature extraction, developed classification models (e.g., Naive Bayes, Random Forest), and evaluated performance, achieving a precision of over 80%.
- Deployment: Hosted the application on Heroku, enabling real-time spam detection and user interaction.

Movie Recommender System Deployed App

- Description: Developed a content-based movie recommender system that suggests movies based on user preferences.
- Technologies Used: Python, Jupyter Notebook, Streamlit, Heroku, scikit-learn, pandas.
- Key Contributions: Conducted data analysis in Jupyter, built the recommendation model using cosine similarity, and deployed the application using Streamlit and Heroku.
- Results: Achieved high accuracy in recommending movies, enhancing user engagement with personalized content.

Which Celebrity Are You? Deployed App

- Description: Developed an end-to-end deep learning application that predicts which Bollywood celebrity a user resembles based on their uploaded photo.
- Technologies Used: Python, Streamlit, TensorFlow, Keras, MTCNN, VGGFace.
- Key Contributions: Employed MTCNN for face detection, utilized VGGFace for facial recognition, and optimized the model to achieve an 89% accuracy. Deployed the interactive app on Streamlit for user engagement.
- Deployment: Successfully hosted the application on Streamlit, enabling real-time image processing and celebrity look-alike predictions.

End-to-End Azure Data Engineering Platform

- Description Developed an end-to-end data engineering solution using the AdventureWorksLT2017 dataset, involving data ingestion from on-premise SQL Server to Azure Data Lake, transformation with Azure Databricks, loading into Azure Synapse Analytics, and creating interactive dashboards with Microsoft Power BI.
- Technologies Used Azure Data Factory, Azure Data Lake Storage Gen2, Azure Databricks, Azure Synapse Analytics, Azure Key Vault, Azure Active Directory (AAD), Microsoft Power BI.
- Key Contributions Designed and implemented data pipelines, managed data storage, performed data transformation and cleaning, conducted data loading and analysis, developed interactive dashboards, and ensured data security and governance.

**Many more interactive projects and PowerBI Dashboards Projects are mentioned in my provided Github Account **