

Niraj Kumar Das

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EDUCATION

KPR Institute of Engineering and Technology
Dhanusha Science Campus

B.Tech in AI & Data Science | GPA : 8.8
+2| GPA : 3.53

2023 - Present
2020-2022

TECHNICAL SKILLS

Languages: C, Python, Java, SQL

Machine Learning: Pandas, NumPy, Matplotlib, Scikit-learn

Databases: MySQL

Data Analytics & Visualization: Power BI, Matplotlib, Seaborn

Web Scraping: BeautifulSoup

Development Tools: VS Code, Git, Jupyter Notebook, Google Colab

EXPERIENCE

Data Analytics Intern | Oasis Infobyte | 1 Month

- Analyzed wine quality datasets to identify key patterns and correlations influencing quality scores.
- Conducted data preprocessing, including handling missing values, feature scaling, and encoding.
- Developed classification models using machine learning algorithms such as Random Forest and Logistic Regression.
- Evaluated model performance using accuracy, precision, recall, and cross-validation techniques.

PROJECTS

Smart Voice-Enabled Chatbot | [@GitHub](#)

- Built an interactive voice-enabled chatbot using Python, SpeechRecognition, and pyttsx3.
- Integrated Wikipedia search, YouTube access, Google search, and email functionalities.
- Implemented a MySQL-based reminder system for scheduling tasks via voice commands.

Android App Market Analysis | [@GitHub](#)

- Performed data analysis on the Android app market dataset to extract insights into app ratings, categories, and user reviews.
- Utilized Python, Pandas, and Matplotlib to visualize trends in app popularity and performance.

T-20 World Cup 2024 Analysis |

- Scraped match statistics and player performance data using BeautifulSoup.
- Processed and cleaned data for visualization in Power BI, creating an interactive dashboard.
- Provided insights into team performances, player comparisons, and match outcomes.

LEADERSHIP

- Event Coordinator Head in Mental Health Club.
- Co-Chair in Innovation Vertical, YUVA Club.

CERTIFICATIONS/ACHIEVEMENTS

- Completed Supervised ML: Regression and Classification by DeepLearning.AI.
- Completed Machine Learning with Python by IBM.