

NIKHITHA ELURI

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OBJECTIVE

Results-driven Data Analyst with a strong foundation in data analysis, machine learning, and data-driven decision-making. Seeking to leverage analytical and technical skills to contribute to business optimization and deliver actionable insights, driving organizational success.

EDUCATION

BTech in Artificial Intelligence and Data Science

2020 - 2024

Kakinada Institute of Engineering and Technology for Women - CGPA: 7.9

TECHNICAL SKILLS

- Python: Data manipulation, control statements, OOP, data analysis libraries (NumPy, Pandas).
- SQL/MySQL: Data queries, joins, and aggregate functions for optimized data retrieval and manipulation.
- Power BI: ETL processes, data modeling, data reporting, dashboards, and data visualization.
- Machine Learning: Basic understanding and application in predictive modeling.

INTERSHIPS

Data Science and Machine Learning Intern

UpSkill Campus

- Developed predictive models for crop yield using machine learning algorithms, optimizing agricultural production processes.
- Conducted comprehensive data exploration, identifying significant trends and patterns to assist in strategic decisions.
- Applied Python libraries (NumPy, Pandas) for data analysis and cleaning, improving data quality and model accuracy.

Data Analytics Intern

Edunet Foundation

- Performed detailed data analytics on sales data, uncovering actionable insights that led to a 20% reduction in data errors.
- Utilized Python libraries (NumPy, Pandas) for data cleaning and data visualization tools (Matplotlib) for report generation and strategic business insights.
- Streamlined the decision-making process by providing clear, data-driven recommendations.

PROJECTS

HR Analytics: https://www.novypro.com/profile_projects/nikhitha13

- Designed a comprehensive HR analytics dashboard using Power BI to improve efficiency and productivity within the HR department.
- Conducted data transformation and analysis, leading to streamlined HR processes and enhanced data-driven decision-making.
- Delivered a report that helped reduce manual data processing by 5 hours per day.
- **Technologies:** Power BI, Excel, Power Query.

Disease prediction through Symptoms: <https://minipredictor-hkutqdwroo5g7uuooxg7ts.streamlit.app/>

- Developed a health-related prediction model that uses machine learning algorithms to diagnose diseases based on user-input symptoms.
- Created a one-stop solution for disease prediction, enhancing healthcare decision-making and patient diagnosis accuracy.
- Integrated predictive algorithms to assess health risks and provide tailored recommendations.
- **Technologies:** Python, Machine Learning, Data Cleaning, Data Processing.

CERTIFICATES

- Data Analysis with Python & Data Science With Python - IBM
- Database and SQL - Infosys Springboard
- Power BI Job Simulation – Forage
- Data Science with Python – IBM

ADDITIONAL EXPERIENCE

- Python Programming: Experienced in using Python for data analysis and automation.
- SQL Proficiency: Skilled in creating complex SQL queries and performing data transformations.
- ETL Processes: Knowledgeable in data extraction, transformation, and loading concepts.