

Belinda Dsouza

Mangalore

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Objective

As a master's student in big data analytics with expertise in data visualization and machine learning, seeking opportunities to apply my skills professionally.

Experience

- Aion Health Solutions** Jan 2024 - Apr 2024
Data visualisation intern
 - Accessing real-time patient data stored in MongoDB from a medical device, including temperature, pulse, and respiration metrics.
 - Designing and developing a user-friendly visualization screen using Visual Studio, HTML, CSS, and Python to display real-time patient data.
 - Ensuring accessibility and ease of interpretation for doctors, nurses, and guardians using the TV screen.
 - Maintaining data privacy and security protocols while handling sensitive patient information with regulations.
- Leksa Lighting Technologies** Apr 2021 - Aug 2022
ERP Executive
 - Generated and managed ERP logins for new employees, ensuring access to system functionalities.
 - Coordinated with various departments to integrate and align ERP functionalities according to their needs.
 - Created unique product IDs for both incoming and outgoing products, ensuring accurate tracking and inventory management.
 - Adjusted stock levels and resolved inventory discrepancies.
 - Handling customer queries and providing assistance in person, over the phone, and via email.
 - Assisting the HR department with various employee-related tasks, such as onboarding paperwork.

Education

- St. Agnes centre for postgraduate studies and research** 2024
M Sc Big data analytics
7.98
- Alvas college, moodbidri** 2020
Bachelor of science
71.58

Skills

- Proficient in Python
- In depth understanding of SQL and database management
- Data visualisations using PowerBI
- HTML, CSS
- Excellent knowledge in machine learning and predictive modelling
- Spark, mongoDB
- Familiar with machine learning libraries like scikit-learn, pandas, numpy and matplotlib

Projects

- Machine learning approach to predict electric vehicle demand**
Led project forecasting electric vehicle demand using time series models. Used Autoregressive, ARIMA, LSTM and linear regression techniques. Developed a user friendly front end with tkinter for accurate EV demand predictions. contributed valuable insights through data analysis using PowerBI.
- Predictive modelling for Appendicitis diagnosis based on clinical features**
A machine learning model was built to predict the appendicitis based on physical symptoms and laboratory test results using different classification algorithms. Detailed exploratory data analysis was done to extract patterns and to understand the data. A user friendly web page was built using Flask to predict appendicitis.