Nidhi Navandar

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SYNOPSIS

- Computer engineering graduate with a PG Diploma in Big Data Analytics.
- Fresher Software Engineer strong Python Development, skilled in collaboration for timely, cost-effective project completion.
- Proficient in big data, machine learning, data visualization, SQL, and Core Java.
- Passionate about data science and tackling real-world challenges with innovative, emerging technologies.
- Strong analytical and communication skills to contribute to teams and deliver impactful solutions.
- Excited to learn from professionals and enhance technical skills through mentorship and collaboration.
- Seeking opportunities to apply expertise in software development and data science for meaningful, complex problem-solving.

EDUCATION

03/2024 – 08/2024	**PG Diploma in Big Data Analytics,** *CDAC*	Kharghar, Mumbai
2019 – 2023	**B.E. in Computer,** *MES Wadia College of Engineering* CGPA : 7.57	Pune, India

SKILLS

Languages
Python, Core Java

Database
My-SQL, MongoDB

Big Data Technology
Hadoop, Hive, Spark

Data Visualization Tools
Excel, Power BI

PROJECT

Anti Money Laundering Detection

- Developed a predictive model to detect money laundering activities.
- Trained models: Random Forest, Logistic Regression, XGBoost (achieved 93% accuracy).
- Created a pickle file for the trained model and integrated it with a Streamlit app for predictions.
- Performed EDA using PySpark.
- Deployed the project on Azure Cloud Services.
- Visualized insights and trends in the dataset using Power BI.

Book App
It is a BookStore app for buying a book. The technology used is **Streamlit** and is connected to a **SQL** database. This project is an online bookstore that provides a platform for users to browse, select, and purchase books.

Heart Disease Prediction Using Wrapper Method And machine Learning Algorithms

- Developed a heart disease prediction system using machine learning algorithms: Random Forest, SVM, KNN, Decision Tree, and Logistic Regression.
- Incorporated wrapper methods, specifically Forward Feature Selection with KNN, to improve model performance.
- Accuracy improved significantly from 67% to 84.61% using Forward Feature Selection with KNN.
- The system supports early detection, aiding medical professionals in making informed decisions.
- Designed to be reliable and scalable, making it a crucial tool for heart disease diagnosis and prevention.
- Empowers healthcare providers to deliver more efficient and effective services.

COURSES

SQL & Power BI: Your Data Analytics & Visualisation, *Udemy*
- Learn SQL basics: navigating databases, retrieving data, filtering, and aggregating using SELECT, WHERE, and GROUP BY.
- Perform advanced operations: create tables, handle nulls, combine/join data, and use CASE, CAST, and window functions.
- Visualize insights: import SQL data into Power BI, create dashboards, and manage databases dynamically with procedures.

The Ultimate Hands-On Hadoop: Tame your Big Data!, *Udemy*
- Design distributed systems using Hadoop, leveraging HDFS and MapReduce for big data storage.
- Process data with Pig, Spark, Hive, and work with relational and non-relational databases.
- Manage clusters with YARN, publish data via Kafka, and handle streaming using Spark Streaming.

INTEREST

- Painting
- Photography