

DIXIT NANDANIYA

Data Scientist

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Summary

Analytical and detail-oriented Data Scientist with expertise in Python, machine learning, and data analysis. Skilled in delivering actionable insights and data-driven solutions to drive innovation and efficiency. Passionate about leveraging quantitative skills to support strategic decision-making.

Experience

Coretus Technologies

Rajkot, India

Python Developer

05/2022 - 04/2023

- **Developed a predictive analytics platform** using Python, enhancing forecasting accuracy and data-driven decision-making in trading.
- **Built a real-time analytics dashboard** and optimized MongoDB for faster data retrieval, improving responsiveness in high-frequency trading.
- **Implemented multithreading and advanced data management techniques** to streamline data processing and optimize trading strategies.
- **Applied statistical methods and data visualization** to uncover actionable insights on market trends, supporting informed investment decisions.

Coretus Technologies

Rajkot, India

Python Developer Intern

01/2022 - 04/2022

- **Built algorithmic components** for an automated trading platform, applying Python to optimize financial transactions.
- **Developed data science projects** in finance, using Python for statistical analysis on trade data to identify trends and inform strategies.
- **Managed financial datasets** through database structuring and querying, ensuring efficient data storage and analysis.
- **Enhanced data processing modules** using asynchronous programming, improving efficiency in real-time trading applications.

Education

University of Windsor

Windsor, Canada

Masters of Applied Computing

05/2023 - 08/2024

Ganpat University

Mehsana, Gujarat

B.Tech Computer Engineering

08/2018 - 04/2022

Skills

Data Science • Python • Data Analysis • SQL • MySQL • Pandas • Numpy • Jupyter Notebook • Git • OOP • Scikit-Learn • Machine Learning • Mathematics • Problem Solving • Data Management • Data Visualization • Exploratory Data Analysis • Data Engineering • Statistical Data Analysis • Prompt Engineering • Probability • Statistics • Deep Learning • REST APIs • Multithreading • Data Structures • Java • C programming

Certification

Complete Data Science Bootcamp 2024 — Udemy

Data Engineer — DataCamp

SQL Associate — DataCamp

Data Analyst Associate — DataCamp

Projects

YouTube Data Analysis

09/2023 - 12/2023

- **Developed a scalable system for analyzing YouTube data trends by country**, leveraging Python and AWS (S3, Lambda, Glue, QuickSight) to extract actionable insights for researchers, marketers, and content creators.

Plant Disease Detection

09/2023 - 12/2023

- **Designed an Android app using ResNet-9** to detect plant diseases with 99.2% accuracy, helping farmers identify and manage issues.

Diabetes Disease Prediction

05/2023 - 08/2023

- **Built and evaluated ML models**, including Random Forest and Naive Bayes, to predict diabetes outcomes with up to 76.62% accuracy, using healthcare big data.