

Sumedh Nakod

Data Scientist

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Data Science postgraduate with a Computer Science background and 6 months of broad-based experience in building data-centric solutions, Data Analysis, handling large datasets and analyzing complex business problems, and delivering innovative solutions. Proficient in developing ML solutions, algorithms, and data streams including Python, R, and SQL. Proficient in managing and executing projects from initiation to completion, effectively overseeing all stages of the project life cycle. Possess good communication skills to convey key details or innovative ideas to a diverse audience of varying technical expertise.

EDUCATION

University of Exeter, United Kingdom.

2022 – 2023

MSc in Data Science and Statistics (ongoing).

Relevant modules: Working with Data, Statistical Data Modelling, Machine Learning Advanced Statistics, Application of Data Science, DS in Time and Space.

Mukesh Patel School of Technology Management & Engineering, India.

2016 – 2020

Candidate for Bachelor of Technology in Computer Engineering with 74.25% overall and 91.25% in the last two semesters.

Relevant Courses: Data Structures, Database Management Systems, Artificial Intelligence, Numerical Methods, Predictive Modelling, Design and Analysis of Algorithms, Software Engineering, etc.

PROFESSIONAL EXPERIENCE

Blackcoffer (Data Science Intern) - Delhi

Nov 2021 – Apr 2022

Blackcoffer is an enterprise software and analytics consulting firm based in India and European Union (Malta). It is a Data-driven technology and decision science firm focused exclusively on Big Data & Analytics (Intern for 7 months)

- Orchestrated global client engagement efforts by providing insightful analytics, identifying business problems and crafting customized solutions.
- Researched, identified, appraised emerging technologies, algorithms and provided strategic recommendations and continuous improvements for an Australian-based client a project focused on extracting real-time cryptocurrency data from multiple sources and implementing a robust data pipeline to securely store and analyze the data in Google Cloud Platform (GCP).
- Demonstrated business knowledge and insightful information using PowerBi and Tableau for powerful advanced visualization for a Nigerian government-based project and suggested changes to their current system improving future data flow.
- Maintained, debugged, and Improved the accuracy of new and previously made machine learning projects for various clients leading to the their decision to extend my engagement for subsequent projects.
- Successfully led 3 whole projects throughout its life cycle.

XLNC Technologies (Business Analytics Intern) - Mumbai

May 2019 – June 2019

XLNC Technologies is an emerging firm providing specialized services pertaining to Robotic Process Automation (Automation Anywhere), Machine Learning, and Artificial intelligence.

- Conducted meetings with key businesses to collect information about business processes and user requirements. Daily tasks included making meta documents, giving insights, and working with developers.
- Completed Robotic Process Automation (RPA) training with certification in Automation Anywhere.

ACADEMIC PROJECTS

Comment Toxicity Classifier with Gradio App

- The model accurately categorizes comments into toxicity levels. I performed data preprocessing, including tokenization and sequence padding.
- The LSTM model was trained on a labeled dataset of comments. I evaluated the model's performance and optimized parameters.
- Also created a Gradio app in Python for real-time toxicity predictions.

IT Spend Analysis , PowerBI Project.

- The IT spend analysis PowerBI dashboard project for the years 2001-2012 utilized interactive visualizations, drill-down functionality, dynamic filters, data consolidation, advanced calculations, conditional formatting, cross-filtering & export functionality.
- The dashboard provided an overview of the total IT spending for each year, as well as a breakdown of expenditures across different categories, such as hardware, software, infrastructure, services, and personnel.

Twitter Sentiment Analysis for stock price analysis (Final year Project)

- Analyzed the impact of news sentiments on stock prices using Twitter tweets. Successfully implemented sentimental analysis on news data.
- Used beautiful soup to extract tweets using Twitter API and applied sentiment analysis using NLP and came up with a formula to show the amount of change news causes on the stock prices.

Uber Data Visualization in R

- Storytelling is the main concept of machine learning. Made meaningful data visualizations of the Uber pickups dataset using ggplot and R language.
- Calculated many insights and visualized them using different charts to make reading the insights easily.

SKILLS

Technical :

- Programming Languages: Python, R, C++, Java, Statistical Modelling, Machine Learning, SQL.
- Tools: VS Code, PowerBI, Excel, Jupyter Notebook | Databases: MySQL, MongoDB, Postgres.
- Collaborative tools: Slack, Asana, Loom, Clockify, Notion.

Management :

- Skills: Good Communication, Strategic thinking, Documentation, Research, Teamwork, Adaptability, Time management, and Decision-making.

EXTRA CURRICULAR ACTIVITIES

- Participated in Fund Raising for children catered by Muskurahat Foundation.
- Represented India in Karate in Dubai Open.
- Won consecutively for 2 years in college in Volleyball. Sports like Football, volleyball, and basketball gave me the opportunity to improve my leadership communication, and interpersonal skills.