Sumedh Nakod
Detail-Oriented Data Scientist | Fresh Graduate with strong problem solving skills

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Data Science postgraduate with a Computer Science background and 6 months of broad-based experience in building data-centric solutions, quantitative analysis, handling large datasets 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.

Core Competencies : Data Analyst|SQL |PowerBI |Business Intelligence Specialist|Visualizations|Python |PySpark|Databricks|Statistics|Data Scientist

EDUCATION

University of Exeter, United Kingdom.   09/2022 – 09/2023
MSc in Data Science and Statistics. (Distinction)
Relevant modules: Working with Data(1), Statistical Data Modelling, Statistical methods, Machine Learning Advanced Statistics, Application of Data Science, DS in Time and Space(Time Series Analysis, forecasting).

1 – "Module dissertation selected as exemplar for subsequent MSc cohort by program director Prof Mark Kelson."

Mukesh Patel School of Technology Management & Engineering, India.   07/2016 – 04/2020
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   11/2021 – 04/2022
- Directed a daily influx of 1M cryptocurrency records, using automation data pipelines utilizing Google Cloud Platform(GCP), Google Analytics, Python, and SQL to clean & secure storage Big Data, CI/CD, evaluate emerging technologies, and propel improvements for an Australian client's Web scraping NFT project (Pandas, Selenium).
- Showcased deep business acumen and generated impactful insights, KPIs through advanced visualization using PowerBI and Tableau for a government-based project in Nigeria. Proposed system enhancements that have since optimized future data flow, contributing to 70% improved efficiency.
- Achieved consistent success by meticulously maintaining, debugging, and enhancing the precision of both new and existing machine learning projects(involving supervised/unsupervised learning, Regression, Natural language processing(NLP), Clustering, Random Forests, CNN etc.), impressing various clients who subsequently extended involvement for subsequent projects.
- Successfully led 4 whole projects throughout its life cycle across various fields.

XLNC Technologies (Business Analytics Intern) - Mumbai   05/2019 – 07/2019
- Proactively led numerous meetings with stakeholders networking with 5 key businesses to gather vital insights on business processes and use cases to automate processes.
- Daily responsibilities encompassed development of ad-hoc reports, marketing analytics, meta documents, offering valuable insights, and collaborating closely with multidisciplinary teams and developers.
- Successfully accomplished Robotic Process Automation (RPA) training, securing a prestigious certification in Automation Anywhere.

ACADEMIC PROJECTS

Lip Reading using Deep Learning

- Dissertation Project: Developed a customized Deep Learning model for lip reading, amalgamating the strengths of existing models. Achieved an exceptional 95.38% prediction accuracy by using ASR TensorFlow and the highlighted CTC Loss Algorithm.
- Skills Demonstrated: Proficiency in Deep Learning,NLP, Neural Networks, Keras, research, innovation, and problem-solving; a commitment to pushing technological boundaries for real-world applications.

IT Spend Analysis, PowerBI Project.

- The IT spend analysis PowerBI performance dashboard project for the years 2001-2012 utilized interactive visualizations, drill-down functionality, dynamic filters, data consolidation, advanced calculations, conditional formatting, cross-filtering and 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(Made use of Pandas,NumPy, scikit-learn,Keras, NLP,SVM, Decision Tree, LSTM).
- 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 easier.

SKILLS

Technical :

- Programming Languages: Python, R, Spark ,Elixir, C++, Java, Statistical Modelling, Machine Learning, SQL(Expert).
- Tools: GCP, Microsoft Office Suite,PowerPoint, Excel, VS Code, PowerBI, Jupyter Notebook, Databricks, Azure, ChatGPT-4| Databases: MySQL, MongoDB, Postgres.(Relational, NoSQL)
- 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 fundraising for children catered by the Muskurahat Foundation.
- Represented India in Karate in the Dubai Open.
- Won consecutively for 2 years in college in Volleyball. Sports like Football, volleyball, and basketball giving the opportunity to improve leadership communication, and interpersonal skills.