DIVYANSH AGRAWAL

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Education

University College London (London, United Kingdom)   September 2023 – August 2024
Master of Science, Business Analytics (Expected Distinction)
- Specialization: Business Strategy & Analytics, Operations Analytics, Predictive Analytics, Statistics, Fintech

Galgotias University (Noida, India)   September 2017 – May 2021
Bachelor of Technology, Computer Science and Engineering, CGPA: 9.0/10.0
- Contributed to the university's research by publishing a high-impact journal article, 2 conference papers and 2 book chapters, standing out amongst the class of 2,000 computer science students.

Professional Experience

InspireXT Consulting (London, United Kingdom)   May 2023 – Present
Associate Consultant – Data and AI
- Led the establishment of supply chain analytics capabilities, enabling the startup to expand its solution portfolio.
- Developed proof-of-concept Power BI reports for 8 supply chain KPIs, securing two new accounts and generating the first £100,000 in analytics solutions revenue.
- Liaised with subject matter experts to curate 30+ metrics across the 8 KPIs.
- Documented the project with technical design, user manual and installation guide.
- Developed 5+ optimized ML algorithms to predict the number of support tickets raised by the clients, helping orchestrate the demand for support specialists.
- Assisted the development team in improving the in-house chatbot by testing input prompts and noting the output.

Wild Planet Trust (Paignton, United Kingdom)   May 2024 – August 2024
Master's Thesis Project Intern
- Conducted qualitative and quantitative analyses for the 'Kids Go Free' campaign for Paignton and Newquay Zoos.
- Reduced marketing budget by 35% by highlighting regions of interest, demographics, footfall, booking latency, and average drive times.
- Increased ticket bookings by 45% by developing an NLP algorithm to analyze campaign participants' sentiments, addressing negative aspects.
- Performed a comprehensive competitor analysis based on SWOT and PESTLE to identify the gaps in zoo tourism.

PwC US Advisory (Bengaluru, India)   September 2021 – March 2023
Associate 2 – Data, Analytics and AI
- Delivered commercial sales insights across multiple global sectors for one of the world's largest F&B clients.
- Collaborated with business analysts and data engineers to formulate 200+ metrics for market and competitive analysis, sales performance, and product performance.
- Recommended a potential 20% increase in revenue and a 27% decrease in marketing spend by analyzing and reporting insights on these metrics.
- Presented an analytics proof-of-concept for global revenue and operational expenditure for a British pharma client.
- Upscaled analytics & insights infrastructure for another F&B client, uncovering detailed insights into their products.

Aryabhatta Research Institute of Observational Sciences (Nainital, India)   February 2021 – June 2021
Computer Science Intern
- Developed 2 deep learning algorithms to identify celestial objects in images collected by the in-house telescope.
- Implemented ResNet50 in production, eliminating manual image inspections and saving each researcher over 20 hours per week.
- Created a web scraper to collect the latest data on active galactic nuclei (AGNs) from the Caltech database.
- Enhanced the storage system of atmospheric sciences files by homogenizing various formats to netCDF format.

Skills & Interests

- **Skills:** Python, Machine/Deep Learning, SQL, Power BI, Excel, R, Alteryx, GCP, Azure, Tableau, Keras/Tensorflow, NLP