

# DIVYANSH AGRAWAL

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Data scientist with AI development and analytics expertise, combining technical programming skills in Python and machine learning with business consulting experience. Experienced in delivering data-driven insights, building AI agents, and solving complex business problems.

## Professional Experience

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### Data Scientist

January 2025 – March 2025

DeepFlow | London, United Kingdom

- Developed dual-model LLM agent workflow, reducing weekly faculty preparation time by 10+ hours through automated reading material generation
- Built Product Manager Agent automating 80% of PM tasks: root cause analysis → market research → executive reports
- Created an end-to-end workflow automating the business problem-solving pipeline with AI agent architecture
- Integrated DeepFlow into UCL curriculum, training 150+ business analytics students and gathering feedback for improvements

### Associate Consultant – Data and AI

May 2023 – December 2024

InspireXT Consulting | London, United Kingdom

- Led the establishment of supply chain analytics capabilities, enabling the company to secure two new accounts
- Developed Power BI prototype reports for 4 supply chain KPIs, curating 30+ metrics and generating £100,000 revenue
- Built an LLM agent bot integrated with Slack using OpenAI's function calling methodology
- Developed and managed multiple predictive analytics proof-of-concepts for a luxury retail client, identifying business opportunities and consulting on strategies to increase sales and predict product sales categories

### Consulting Data Scientist

May 2024 – September 2024

Wild Planet Trust | Remote, United Kingdom

- Conducted quantitative and qualitative analyses for 'Kids Go Free' campaign for Paignton and Newquay Zoos, reducing marketing budget by 35%
- Applied statistical analysis to segment markets by demographics, footfall, booking latency and average drive times
- Increased ticket bookings by 45% by developing an NLP algorithm to analyse campaign participants' sentiments, addressing negative aspects
- Performed a comprehensive competitor analysis based on SWOT and PESTLE to identify the gaps in zoo tourism

### Associate 2 – Data, Analytics and AI

September 2021 – March 2023

PwC US Advisory | Bengaluru, India

- 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
- Applied advanced analytics to recommend a 20% revenue increase and a 27% marketing spend reduction
- Presented an analytics proof-of-concept for global revenue and operational expenditure for a British pharma client

## Education

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### Master of Science, Business Analytics | Grade: Distinction

September 2023 – November 2024

University College London | London, United Kingdom

- **Specialisation:** Business Strategy & Analytics, Operations Analytics, Predictive Analytics, Marketing Analytics, Fintech
- **Teaching Assistant** for Programming in Python, Marketing Analytics, Predictive Analytics and Data Engineering modules and **Research Assistant** to Dr. Wei Miao and Dr. Rafael Greminger.

### Bachelor of Technology, Computer Science and Engineering | Grade: 9.0/10.0

September 2017 – May 2021

Galgotias University | Gautam Buddha Nagar, India

- Published 1 high-impact journal article, 2 conference papers, a pending patent and 2 book chapters.

## Technical Skills

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- Python, Machine/Deep Learning, LLM Agents, Power BI, Tableau, Matplotlib, MySQL, DuckDB, MongoDB, PySpark, Postgres, Keras/Tensorflow, NLP, NLTK, Computer Vision, R, MS Azure, VSCode, Git, A/B Testing