

BABIS NIKANDROU

DATA SCIENCE & ANALYTICS PROFESSIONAL

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SUMMARY

- Graduated in the **top 10%** of my class with **distinction** in an MSc in Data Science & Analytics
- Developed strong knowledge in programming languages & data tools such as **Python, SQL, R, Excel & Tableau**
- Proficient in Machine Learning, Data Modelling, Preprocessing, Cleansing, Warehousing & Visualization
- Highly motivated, fast learner & efficient communicator, resilient character with attention to detail & problem-solving skills

EDUCATION & TRAINING

2023 – 2024	MSc Data Science & Analytics	University of Westminster, London, UK
	<ul style="list-style-type: none">• Data Mining & Machine Learning• Business Analytics• Data Warehousing & Business Intelligence	<ul style="list-style-type: none">• Big Data Theory & Practice• Data Visualisation & Dashboarding• Web & Social Media Analytics
2022 – 2023	Master's Program in Data Analytics	Purdue University by IBM, London, UK
	<ul style="list-style-type: none">• Data Analytics with R• SQL Training	<ul style="list-style-type: none">• Visualisation & Dashboarding with Tableau• Programming Basics & Data Analytics with Python
2009 – 2014	BSc in Economics	Aristotle University of Thessaloniki, GR
	<ul style="list-style-type: none">• Mathematics & Statistics• Econometrics	<ul style="list-style-type: none">• Economic Theory & Analysis• Marketing Principles

RELEVANT EXPERIENCE & PROJECTS

2023 – 2024	Heart Attack Prediction Analysis	Dissertation, MSc Data Science & Analytics
	<ul style="list-style-type: none">• Developed 15 ML models (e.g. RF, SVM) with scikit-learn, improving Precision (+40%), Accuracy (+45%) & AUC (+60%)• Handled Imbalance Data through ROS, RUS & Calibration & applied Feature Selection Methods (e.g. RFE, SFS & Fisher)• Tuned models using Grid Search & RandomizedSearch Cross Validation enhancing model stability and generalizability	
2023 – 2024	Market Basket Analysis Customer Segmentation RFM Clustering	MSc Data Science & Analytics
	<ul style="list-style-type: none">• Performed RFM segmentation using SQL & DBSCAN clustering in Python to analyse customer purchasing patterns & behaviour• Identified key segments (High-Value, VIPs, Dormant) to support personalized marketing strategies• Delivered insights that increased customer retention by 15% & lifetime value by 9.5%	
2023 – 2024	Social Media Analysis Text Mining YouTube & Reddit API's	MSc Data Science & Analytics
	<ul style="list-style-type: none">• Performed NLP-driven text mining in Python to analyze social media discussions & behavior from over 10K user comments• Applied LDA for topic modelling & VADER for sentiment analysis to extract key themes and opinions• Utilised YouTube & Reddit APIs for automated data collection & content extraction	

WORK EXPERIENCE

Jan 25 – Jun 25	Data Analyst Intern	Rakun LTD, London, UK
	<ul style="list-style-type: none">• Cleansed & preprocessed datasets using Python & SQL, reducing data errors & inconsistencies (-10%) improving data quality• Applied data transformation techniques to restructure raw datasets into analysis-ready formats, improving pipeline efficiency• Supported the data warehousing team, enhancing data retrieval speed & accessibility for multiple project teams	
Jul 22 – Jul 23	Bar Manager	Opso LTD, London, UK
	<ul style="list-style-type: none">• Led team management, training, & coordination to ensure smooth daily operations in a high-volume environment• Supervised inventory control, including stock monitoring, order placement, & delivery scheduling• Demonstrated a proactive, highly organized approach with strong time management & planning skills	
Jan 21 – Mar 22	Business Optimisation Analyst	LEGO Education of Greece (O3), GR
	<ul style="list-style-type: none">• Analysed data for over 3.5K participants, focusing on demographics, activity trends & engagement• Utilized SQL for data cleaning, manipulation, aggregation & query optimisation to enhance regular reporting• Delivered data-driven insights that improved event structure and increased ROI by 12% year-over-year	

SKILLS & EXPERTISE

• Data Transformation	• Predictive Modelling (sklearn)	• Clustering (DBSCAN)	• Text Mining
• ETL (pandas & NumPy)	• Deep Learning	• Customer Segmentation	• Visualisation (matplotlib)
• Data Warehousing	• Pipelines & Optimization	• Hypothesis Testing	• Data Preprocessing & Cleansing

HOBBIES & INTERESTS

Driving Licence Category A & B | Sailing & Lifeguard Licence | Football | Snowboard | Movies | Gaming