Andreas Ppalis

Data Business Analyst 📍 **Nicosia, Cyprus**

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🔘 https://andreas-ppalis.github.io/ba/

Adaptable, organized, quick learner and teamwork-oriented Business & Data Analyst with great experience in data management, data processing, requirements analysis, reporting and presentations. Adept at collaborating with cross-functional teams and advising on data-driven decision-making. Highly educated, possessing a Bachelor's degree, two Master's degrees and professional certifications. Bilingual in Greek (native) and English (fluent), with an intermediate understanding of Italian.

WORK EXPERIENCE

Data Business Analyst

RetailZoom | Nicosia, Cyprus | Aug 2021 – Present

- Analyze market and retail data using Excel, Python and SQL to identify trends, estimate market sizes using statistical models, and provide actionable insights that support client strategic planning and performance evaluation.
- Gather and document business and data requirements, translating client needs into clear technical specifications and process descriptions.
- Create and maintain process documentation, data flow diagrams, and dashboard specifications, ensuring alignment between business objectives and technical implementation.
- Develop Python automation scripts to optimize data workflows and perform data quality assurance, proactively identifying data anomalies and alerting users to necessary corrective actions, leading to an improvement in data accuracy.
- Lead the creation of client - facing Power BI dashboards by translating business needs into technical specifications, validating data sources and metrics, and collaborating with BI developers to deliver accurate, insight-driven reports.
- Work together with cross functional teams – including developers and data scientists – to design data processing and validation systems and ensure outputs meet business and analytical needs.
- Support user acceptance testing (UAT) and requirement clarification to ensure solutions meet stakeholder expectations.
- Deliver custom reports and insights using Excel and Python, based on specific client requests, by working closely with Client Service Managers to understand business needs and provide tailored data solutions.
- Supervise junior team members to ensure consistency to operational processes, maintain high data quality standards, and provide guidance on analytical workflows and problem-solving.

Trader/Analyst

Cleverpath Holdings Ltd | Nicosia, Cyprus | Sep 2020 – Jul 2021

- Monitored in-play events and analyzed customers' behavior and activity.
- Analyzed financial data for retail shops, calculating net profit to identify shop profitability, while visualizing KPIs using Python (Matplotlib and Seaborn) and Excel.
- Provided ad-hoc data analysis upon management requests, exporting data from internal systems to create tables and charts that highlighted trends and supported decision-making.

EDUCATION

MSc in Business Intelligence with Data Analysis

Cyprus International Institute of Management (CIIM) | Nicosia, Cyprus | Feb 2021 – Dec 2022

- Graduated with Grade 84/100
- Leveraged Python for data cleaning, analysis, and machine learning model development, utilizing libraries such as Pandas, NumPy, and scikit-learn; SQL for querying large datasets from relational databases, filtering data and creating tables; and PowerBI for interactive data visualization and reporting, creating dashboards to communicate insights and trends to non-technical stakeholders.
- Thesis: *Predicting Football Results Using Machine Learning* – Built a predictive model for match outcomes using scikit-learn and historical data.

MA in Management and Economics of Energy and the Environment

ENI Corporate University | Milan, Italy | Jul 2019 – Jul 2020

- Graduated with Grade 87/100
- Specialized in Global Energy and Technical Assets (Energy Economics, Strategic Management, Planning & Control, Environmental Assessment, Corporate Finance, System Dynamics in Energy Sector, Field Development Strategy, Applied Econometrics).

Projects:

- Worked with the Research & Technology Innovation department on improving efficiency in well operations through digital transformation.
- Built a model to understand the electricity demand and how CO_2 implications of decarbonization strategies can affect the environment (different scenarios with parameters).

BSc in Mathematics

Heriot Watt University | Edinburgh, Scotland | Sep 2015 – May 2019

- Graduated with the Honours of First Class
- Project Dissertation: *Graphs, Matrices and Dynamical Systems* (written in LaTeX)

TECHNICAL & ANALYTICAL SKILLS

MS Excel | Python (Pandas, NumPy, scikit-learn) | SQL | PowerBI | Data Visualization | DBeaver | Data Quality Validation | Statistical Modelling | Predictive Analytics | Workflow Documentation | Process Mapping

TOOLS & METHODOLOGIES

JIRA | Confluence | Agile | UML | Requirements Gathering | Data Automation

CERTIFICATIONS

- The Complete SQL Bootcamp | Udemy
- Python for Market Research | Online Seminar by ESOMAR
- Microsoft Power BI Data Analyst | Online training sessions by HRDA