Omar Darrag

Business Intelligence & Data Analytics
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PROFILE

Business Intelligence graduate (BSc Business Economics & IT) combining hands-on data analytics with over two years of operational leadership experience. Builds ML-based demand forecasting models and Power BI dashboards that turn raw data into decisions, backed by real experience leading teams and managing inventory across a high-volume hospitality business. Skilled in Python, SQL (SQL Server, MySQL), and Power BI.

WORK EXPERIENCE

Data & Sustainability Intern, 2030 Builders, Copenhagen

January 2024 - September 2024

- Analyzed sustainability and business performance data using Python (Pandas) and SQL, identifying trends and tracking 10 KPIs for internal reporting.
- Built and maintained 3 interactive Power BI dashboards, helping stakeholders monitor sustainability metrics and progress against strategic objectives.
- Cleaned and validated data, resolving missing values and inconsistent formats to improve reporting reliability.
- Streamlined recurring data preparation and reporting, saving approximately 2 hours per week through reusable Python scripts and SQL queries.

Shift Manager, MoJoe Kitchen & Bar, Copenhagen

February 2022 - Present

- Led a team of 8-9 employees during shifts serving approximately 150-200 guests, coordinating daily operations and maintaining service quality during peak periods.
- Analyzed weekly POS sales data across 30 high-volume products to identify demand patterns and inform stock replenishment.
- Monitored inventory and purchasing, adjusting order quantities to match demand and limit overstocking.
- Coordinated staffing and task allocation across shifts, aligning team coverage with expected service demand.

EDUCATION

BSc Business Economics & IT, KEA - Københavns Erhvervsakademi

August 2021 - January 2025

- Bachelor Project: Predictive Inventory Management Framework. Designed and built ML-based demand forecasting models (ARIMA, Prophet) to predict inventory needs for hospitality businesses, using IoT-concept data inputs
- Estimated a 30% reduction in stock waste using demand forecasting compared with manual reordering.

SKILLS

Programming & Analytics: Python (Pandas, Plotly, ARIMA, Prophet), SQL (SQL Server/T-SQL, MySQL), Power BI (DAX, dashboard design, KPI tracking), Git
Databases: MySQL, MongoDB
Business & IT Tools: ERP Systems, Microsoft Office, Tableau
Project Management: Agile and Scrum methodologies

LANGUAGES

English (Fluent), Italian (Native)