Abdelhamid Alajmi

Data Analyst

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EDUCATION

B.Sc. in Faculty of Computer & Information Sciences
Mansoura University
Aug 2020 – Aug 2024
GPA: 3.2/4.0

EXPERIENCE

Business Intelligence Trainee
ITI
Jul 2023 – Sep 2023 | Al Mansoura

- Boosted Data Visibility by 30% through development of targeted Power BI reports for sales department, enabling real-time tracking of key performance indicators
- Accelerated Data Access by 40% by optimizing SQL database design for sales data management, significantly improving reporting efficiency
- Enhanced Decision-Making by analyzing 3 years of smartphone market trends in Egypt via custom Excel dashboards, uncovering actionable market opportunities
- Increased Reporting Efficiency by 25% through creation of Tableau visualizations identifying top revenue-driving product categories

CERTIFICATES

Machine Learning Specialization by Stanford University & DeepLearning.AI
2024

Mathematics for Machine Learning and Data Science Specialization by DeepLearning.AI
2024

Introduction to Business Analytics
2024

Powe BI by 365 Data Science
2024

Introduction to Tableau by 365 Data Science
2024

Advanced SQL by 365 Data Science
2024

Advanced Microsoft Excel by 365 Data Science
2024

Communication and Presentation Skills for Analysts and Managers
2024

Data Analysis Professional Scholarship by Ministry of Communication
2022

Data Analysis Foundations Scholarship by Ministry of Communication
2022

SKILLS

Python | SQL | Power BI | Tableau | Excel | Matplotlib | Data Analysis | Data Visualization | Machine Learning | TensorFlow | Git&Github | Communication Skills | Presentation Skills | Attention to Details | Team Work

PROJECTS

Stocks Recommendation System
Graduation Project

- Accelerated data processing by 80% through development of automated stock analysis framework using Python, yfinance, and predictive modeling
- Achieved 95% accuracy in predicting top-performing stocks using TensorFlow and Scikit-learn for financial analysis
- Optimized large dataset handling using NumPy and Pandas for efficient preprocessing and transformation
- Enhanced stakeholder understanding through dynamic visualization of stock performance metrics using Matplotlib

Remote Work & Mental Health Analysis

- Conducted statistical analysis on data from over 10 industries using data-driven methodologies
- Identified 30% correlation between increased work hours and reduced stress through trend analysis
- Discovered 25% productivity decline in employees working more than forty hours with mental health challenges
- Revealed 60% of tech sector employees reported high stress, with 50% experiencing social isolation

Football Player Across the Top 5 Leagues Analysis (2023-2024 Season)

- Generated 220+ Visualizations using Seaborn and Matplotlib to reveal player performance trends
- Enhanced Analysis Accuracy through feature engineering of key performance metrics
- Streamlined Data Quality by implementing robust cleaning processes using Pandas

The Movie Database (TMDB) Analysis

- Processed 10,000+ Movie Records to extract actionable industry insights
- Developed Interactive Visualizations using Python and Matplotlib, revealing trends in genre popularity, ratings, and revenue generation
- Streamlined Data Exploration through creation of comprehensive Jupyter notebook, enabling efficient knowledge sharing with stakeholders
- Identified Revenue Patterns across different genres and time periods, providing valuable market insights

Superstore Performance Analysis

- Analyzed 9,994 Transaction Records to uncover critical business insights
- Developed 5 comprehensive dashboards in Tableau, providing dynamic visualization of key performance indicators
- Optimized Sales Strategy by identifying top-performing products, categories, and regions
- Enhanced Decision-Making through multi-dimensional analysis of sales patterns across product categories, states, and timeframes