SEIF ADDEEN AL-TAHAN

BIT Graduate | Data Analyst

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PROFESSIONAL SUMMARY

Motivated Business Information Technology professional with a strong focus on data analysis, business intelligence, and process optimization. Highly driven to leverage statistical tools, predictive modeling, and programming capabilities to translate complex datasets into actionable strategies and innovative solutions.

SKILLS

- **Data & Analytics Tools:** Microsoft Excel, Power BI, Weka, Python (Pandas, NumPy, Matplotlib, Dash)
- **Methodologies:** Descriptive analytics, predictive modeling, data preprocessing, ETL pipelines, Data Visualization
- **Core Competencies:** Project Management, Critical Thinking, Effective Communication, Problem Solving

EDUCATION

Bachelor of Business Information Technology - BIT *Jun 2023 - Jun 2026*

Princess Sumaya University for Technology (PSUT)

- **Grade:** 92.6%

DATA ANALYSIS PROJECTS & EXPERIENCE

Automobile Statistics Dashboard *May 2026*

Advanced Business Application Programming Project

- Engineered a web-based automobile statistics dashboard application using Python.
- Designed and resolved data mapping components utilizing Python libraries, resolving version conflicts to ensure accurate statistical charting and responsive callback properties.

Social Media Engagement Analysis *Decision Support Systems (DSS) Project*

- Preprocessed a dataset of 100,001 rows by handling missing values, standardizing timestamp formats, and transforming categorical data to create a foundation for modeling.
- Developed interactive Power BI dashboards and built predictive models in Weka, selecting a Multi-Layer Perceptron over Linear Regression for its superior correlation coefficient (0.9453).
- Studied core business engagement problems to formulate strategies that helped the team optimize insights.

Manufacturing Defect Analysis *Business Intelligence (BI) Project*

- Designed a comprehensive business intelligence solution using a three-tier data warehouse architecture to detect and minimize manufacturing defects.
- Extracted, transformed, and loaded (ETL) data from multiple sources to analyze defect trends and equipment performance.
- Calculated descriptive statistics (mean, variance, standard deviation) and generated quartile and box plot analyses using Microsoft Excel to identify repair cost variances.

VOLUNTEERING & LEADERSHIP

Head Of Operations | Business Technology Club at PSUT *Oct 2024 - Present*

- Organized events by managing resource allocation, creating tracking spreadsheets, and structuring budget layouts to bridge the gap between business and technology domains.

Academic Advisor | Princess Sumaya University for Technology *Aug 2023 - Sep 2023*

- Advised students on course selection and specialty tracks, improving communication and administrative skills.

CERTIFICATIONS

- **Data Visualization with Python** (IBM | May 2026 | Credential ID: EIBXOHEYO7M2)
- **Creating a Budget with Microsoft Excel** (Jul 2024 | Credential ID: KPRHXRM5L37D)
- **Project Planning: Putting It All Together** (Apr 2025 | Credential ID: K98NJ40A8B8JH)
- **Foundations of Project Management** (Mar 2025 | Credential ID: HD7TTHACISYU)
- **Preparation for Job Interviews** (Coursera | Feb 2026 | Credential ID: 0VUL5C91SN37)