Mohamed A.Bakr Saleh

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Professional Profile

I am a highly skilled data scientist with over 20 years of experience specializing in internal audit, financial planning & analysis, and risk management. I'm a Certified Internal Auditor (CIA) and Certified Fraud Examiner (CFE) and have completed advanced training in risk management. My data science and analytics expertise has enabled me to drive business insights and facilitate strategic decision-making. I am proficient in data analysis, machine learning, and visualization, with a keen interest in uncovering hidden patterns and trends.

Education

University of California, Berkeley – Master of Information and Data Science (anticipated)   2025
Relevant Courses: Statistics for Data Science, Research Design and Applications for Data and Analysis, Fundamentals of Data Engineering, Applied Machine Learning, Statistical Methods for Discrete Response, Time Series, and Panel Data.

University of Alexandria, Egypt – Bachelor of Commerce   2004

Skills and Tools

- Python, iPython, HTML CSS, Javascript, R, R markdown, VBA
- NoSQL data stores (Redis, Neo4j, MongoDB)
- D3.js, Tableau.

Experience

Nisum Technologies Inc.   **Brea, CA**

FP&A Manager   *Nov. 2018 – Present*

- Conducted comprehensive financial forecasts and budget comparisons to actual performance, interpreting variances and advising on corrective actions, resulting in improved budget accuracy.
- Partnered with business leads to convert strategic initiatives into financial outlooks, providing clear insights into the financial performance of business units, which enhanced decision-making efficiency.
- Played a crucial role in the strategic planning process, quantifying company goals and identifying high-impact investment opportunities.
- Assisted in the monthly closing process, optimizing management reporting and plan-to-actual analyses, leading to a 25% reduction in closing time.
- Delivered actionable financial reports and insights on both regular and ad-hoc basis, utilizing advanced data analysis and visualization tools.

Magnell Associate, Inc. (dba Newegg.com)   **City of Industry, CA**

Internal Auditor   *Sep. 2016 – Nov. 2018*

- Planned and executed financial, operational, compliance, and fraud audits.
- Performed extensive data analysis using VBA, ACL Script, and Python.
- Designed a Python application for continuous monitoring of the P2P cycle.

- Used ML clustering algorithms to identify anomalies and potential fraudulent transactions.
- Conducted internal fraud investigations and briefed law enforcement.

Foulath Holding B.S.C - Steel manufacturing industry   **Bahrain**

Senior Audit Officer   *Jan. 2015 – June 2016*

- Planned and executed financial, operational, compliance, and fraud audits.
- Developed audit working paper and cross-referencing filing system.
- Conducted awareness training sessions for various departments.
- Developed and monitored control deficiencies and remediation plans.

Al Osais Holding - Real Estate Developing & Construction Group   **Dammam, SA**

Internal Auditor   *Dec. 2012 – Dec 2014*

- Planned and executed financial, operational, compliance, and fraud audits.
- Evaluated business risks, the existence of system controls, and the operational efficiency of the group's activities.
- Developed and maintained a strong rapport with crucial operating and corporate associates.
- Utilized big data analytics and anomaly detection to analyze profitability of major construction projects, identifying key deviations from plans by leveraging Statistics, VBA, and other CAAT (Computer Aided Audit Tools).

Professional Certifications

Association of Certified Fraud Examiners   2016
Certified Fraud Examiner

International Academy of Business and Financial Management   2015
Certified Risk-Based Auditor

Institute of Internal Auditors   2010
Certified Internal Auditor