

Hassan Eid *Data Scientist - AI Innovator - Business Strategist*

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Profile

Data Scientist with 10+ years of business leadership experience and a passion for turning data into actionable insights. Proven ability to build machine learning models, automate analytics workflows, and communicate results clearly to stakeholders. Background in healthcare, recruiting, and operations — now leveraging AI to solve real-world business problems.

Skills

GIT/Github | Python | SQL | Pandas | Numpy |
Matplotlib | Jupyter Notebooks | CodeSpaces |
VS Code | Web Scraping | API's | Sci-Kit Learn |
TensorFlow | Natural Language | Toolkit |
Power Bi | Statistics | Project Management |
XGBoost | Client Communication | Streamlit |
Flask | Excel | Seaborn | LangChain

Education

Data Science and Machine Learning with AI

4 Geeks Academy

2023/11 – 2024/03

Learn Python 3

Codecademy

2023 – 2023

AWS Certification

Amazon

2024 – present

Business Administration

Florida Atlantic University

2001 – 2003

Languages

English

Native

Arabic

Intermediate B1

Experience

Teacher Assistant / Mentorship Advocate

4Geeks Academy

2024 – present

- Guided students on machine learning fundamentals, Python, and portfolio development.
- Supported classroom debugging and code reviews in collaborative environments.

Director of Healthcare Recruiting

MD Staffing Services

2021 – present | Fort Lauderdale, FL

- Grew healthcare recruiting agency using lead funnels, analytics, and KPI dashboards.
- Used hiring and placement data to streamline candidate matching.

Director of Operations

National Plan Advisors

2016 – 2021 | Fort Lauderdale, FL

- Oversaw team of 100+ across healthcare open enrollment seasons.
- Scaled operations and implemented data-driven performance strategies.

Data Science Projects

Patient No-Show Prediction ☑

Tools: Python, Pandas, scikit-learn

- Predicted which patients were likely to miss medical appointments using classification models. Applied EDA, handled class imbalance, and evaluated model performance.

Customer Churn Analysis ☑

Tools: Python, Streamlit, scikit-learn

- Built a machine learning model to forecast telecom customer churn. Included data cleaning, feature engineering, and interpretation of model insights via dashboard.

Staffing KPI Dashboard ☑

Tools: Python, Streamlit, Matplotlib, Pandas

- Designed and deployed a Streamlit dashboard to visualize staffing performance metrics such as time-to-fill and candidate pipeline ratios using simulated data.