

Hassan Eid *Data Scientist*

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Profile

Leveraging 10+ years in operations and sales across diverse industries such as construction, fashion, pharma, and staffing. My studies in Data Science have equipped me with the technical prowess to build supervised & unsupervised learning models using Python and SQL, added to my background in improving business performance across various markets has instilled in me a keen analytical mindset and an ability to understand and leverage data trends for strategic decision-making.

I am excited to apply my strong foundation in interpersonal and communication skills, along with my technical acumen, to drive insightful data-driven solutions to contribute to the growth of a company.

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

Data Science Projects

Diabetes Diagnostic Analysis: Predictive Modeling with Decision Trees

- Predicted diabetes outcomes using logistic regression and decision tree models with Python; performed EDA and model tuning via grid search.

Health and Sociodemographic Correlation Analysis: A Regularized Linear Regression Approach

- Applied linear and Lasso regression on U.S. county data to identify health-related patterns; demonstrated proficiency in statistical modeling and EDA.

Google Play Review Sentiment Classifier: A Naive Bayes Approach

- Built and optimized a Naive Bayes classifier to analyze user review sentiment; utilized NLP techniques and model comparison.

Professional Experience

2024/05 – present

Teacher Assistant / Mentorship Advocate

4Geeks Academy

- Guided students through project development and core data science concepts in one-on-one and group settings.
- Fostered a collaborative and inclusive learning environment that encouraged critical thinking and curiosity.

2021/01 – present

Fort Lauderdale, FL

Director of Healthcare Recruiting

MD Staffing Services

- Founded and scaled a healthcare recruiting agency, applying data-driven insights for strategic decision-making.
- Negotiated contracts and maintained strong relationships with providers, leveraging stakeholder data analysis.

2016/10 – 2021/03

Fort Lauderdale, FL

Director of Operations

National Plan Advisors

- Scaled call center operations from 35 to 145 staff and expanded customer service from 9 to 35 within 4 months.
- Directed 100+ agents through health insurance open enrollment cycles, achieving consistent top-tier performance.

Education

2024 – present	AWS Certification <i>Amazon</i>
2023/11 – 2024/03	Data Science and Machine Learning with AI <i>4 Geeks Academy</i>
2023 – 2023	Learn Python 3 <i>Codecademy</i>
2023 – 2023	Learn the Command Line <i>Codecademy</i>
2001 – 2003	Associates in Business Administration <i>Florida Atlantic University</i>

Languages

English Native	Arabic Intermediate B1
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