

# Fawzy Almatary | Data Scientist

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## Objective

As a highly skilled experienced data scientist with a solid background in healthcare, I am eager to leverage my analytical expertise, Python, SQL, and data visualization skills to create impactful solutions in a challenging Data Science role that fosters personal and professional growth.

## Skills

**Technical Expertise:** Statistical Analysis | Machine Learning | Deep Learning

**Programming languages:** Python | SQL | SAS

**Additional Skills:** Multimodal Machine Learning | Data Analysis | Interactive Visualizations | Microsoft Excel

## Certifications

<b>Professional Data Scientist</b> , <i>DataCamp</i>	July 2023
<b>Data Analysis Track</b> , <i>Intensive Training Program, Information Technology Institute (ITI)</i>	March 2023
<b>Statistics with Python Specialization</b> , <i>University of Michigan</i>	September 2022
<b>IELTS General Training: Band 8 - Advanced (C1 level)</b> , <i>IELTS Official</i>	September 2021

## Projects

### **2021 BRFSS Analysis Project:**

Conducted data analysis on the 2021 BRFSS dataset, a comprehensive survey on risk behaviors and health practices among adult U.S. residents, aiming to uncover valuable insights into health trends and relationships. Statistical analysis and hypothesis testing techniques were employed, then a machine learning model was developed to evaluate factors contributing to diabetes and predict diabetes diagnosis.

### **Recipe Site Traffic for Tasty Bites Project:**

Developed machine learning models to predict recipe popularity and website traffic on a recipe site, in which I achieved a precision of 0.86 with a fine-tuned Logistic Regression model, representing a 43% improvement compared to the business baseline precision of 0.6.

## Experience

<b>Data Analyst</b> (Part-Time, Remote) <i>Fiedk</i> (an innovative startup specializing in delivering daily orders to customers' homes)	December 2022 – Present
<ul style="list-style-type: none"><li>Gathered data from various sources, such as customer orders, delivery records, user feedback, and operational databases, while ensuring that the collected data is accurate, complete, and properly formatted.</li><li>Generated regular reports and created intuitive dashboards that effectively communicate key performance indicators (KPIs) to relevant stakeholders.</li><li>Collaborated with cross-functional teams to design and analyze A/B tests and experiments, effectively evaluating the impact of various strategies and initiatives.</li></ul>	

## Education

<b>PharmD</b> (Doctor of Pharmacy degree), <i>Mansoura University</i>	Graduation: 2018
<b>Project:</b> "Different strategies for HCV treatment: A Systematic Review"	
<ul style="list-style-type: none"><li>Conducted a comprehensive systematic review on various approaches to treating Hepatitis C Virus (HCV), analyzing over 10 scientific articles from reputable journals.</li><li>Utilized Microsoft Excel to perform a thorough statistical analysis of the data, encompassing descriptive statistics to summarize significant findings, as well as inferential statistics like hypothesis testing to assess treatment efficacy.</li></ul>	