UZMA SAYYEDA

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SUMMARY

Data Analyst with experience as a Pharmacy Technician with applied nutrition expertise in human biology, proficient data analysis skills, possessing an eye for detail to improve efficiency and accuracy continuously. Spearheaded data analysis efforts to monitor patient medication adherence, resulting in a notable 25% increase in adherence rates, driving improved health outcomes. Orchestrated effective data-driven collaborations that elevated overall effects. Skilled in devising economical inventory strategies, resulting in a 15% reduction. Holding a certification in Data Science with skills such as Python, SQL, Statistics, and Tableau, I'm committed to driving innovation and process optimization in the healthcare sector.

TECHNICAL SKILLS

- Languages: Python, SQL, NoSQL. HTML, CSS, JavaScript.
- Applications: GitHub, PostgreSQL, GIT, Command Line, Tableau.
- Tools: Excel, Seaborn, Scikit Learn, Pandas, VBA, Jupyter Notebook, APIs, ETL

PROJECTS

PYTHON HEALTH INSURANCE COST PREDICTION | WRITTEN LINK TO GITHUB

Developed a machine learning model in Python to predict health insurance premiums based on diverse individual factors, achieving a high accuracy of 98% with Random Forest Regression.

- Role: Sole author.
- Tools: Python, Scikit-Learn, Numpy, Machine Learning, Scipy. stats

PYTHON CROWDFUNDING ETL | WRITTEN LINK TO GITHUB

Crowdfunding ETL: Build an ETL pipeline to extract, transform, and clean data using Python

- Role: Data extraction, transformation, database scheme design.
- Tools: Python, Pandas, Postgresql, ERD, Regex and GitHub

STOCK MARKET DASHBOARD | WRITTEN LINK TO GITHUB

Developed a Flask-based API dashboard featuring a stock market interface with dynamic chart options, stock selection dropdowns, dark mode, and widgets integrated from a third-party source.

- Role: Conceptualized project, and task delegation, and contributed to front-end development using HTML, CSS, and JavaScript. Integrated third-party widgets for enhanced functionality.
- Tools: Flask, HTML, CSS, JavaScript, Charting libraries.

PROFESSIONAL EXPERIENCE

CAREER TRANSITION   January 2023 - Present

- Acquired practical experience in data science tools and technologies through personal projects.
- Demonstrated ability to apply data science skills to solve real-world problems in the healthcare industry.
- Leveraged strong analytical and problem-solving skills to transition from pharmacy/healthcare to data science

IMPRIMIXRX.   Carrollton, TX
Certified Pharmacy Technician   September 2022 - December 2022

- Managed prescription processing and compounding of ophthalmic medications, ensuring an accuracy rate of 95% and adherence to strict quality control standards.

- This resulted in a reduction of medication errors by 50% and a patient satisfaction rate of 98%.
- Developed and implemented efficient inventory management strategies, reducing medication waste by 25% and optimizing stock levels for timely fulfillment of orders.
- Conducted thorough quality assurance checks on compounded medications, ensuring compliance with industry regulations and maintaining a high product safety standard. This prevented any recalls or product liability lawsuits.
- Utilized remote communication tools to provide exceptional customer service, addressing inquiries and resolving medication-related issues promptly and professionally, reducing customer complaints by 20%

TOM THUMB.   **Carrollton, TX**
Certified Pharmacy Technician   **2020 - 2022**

- Efficiently processed and dispensed prescriptions for an average of 200 patients per day, with an accuracy rate of 85% for medication dosage and adherence to safety protocols.
- Managed inventory and maintained stock levels, reducing medication shortages by 30% and improving the overall efficiency of medication dispensing by 15%.
- Collaborated with pharmacists and healthcare providers to resolve medication-related issues, improving patient satisfaction and adherence to treatment plans.
- Implemented a new software system to streamline prescription tracking and inventory management, resulting in a 20% reduction in errors and a more efficient workflow.

VINN HOSPITAL.   **Hyderabad, India**
Dietetic Intern   **2020**

- Applied advanced statistical methods to analyze dietary intake data, achieving a 15% improvement in personalized nutrition plan accuracy.
- Maintained precise records of dietary assessments, ensuring a 99% accuracy rate in data tracking and reporting
- Adapted nutritional plans based on changing health conditions and client feedback, resulting in a 25% improvement in client satisfaction
- Identified nutritional issues and developed strategic plans, showcasing problem-solving skills that contributed to a 30% increase in positive health outcomes.

EDUCATION

SOUTHERN METHODIST UNIVERSITY   **Carrollton, TX**
Boot camp Certificate, Data Science.

ANWAR UL LOOM COLLEGE   **Hyderabad, India**
Post Graduation Diploma, Clinical Dietetics

SHADAN DEGREE COLLEGE   **Hyderabad, India**
Bachelor of Science, Major in Applied Nutrition in Public Health; Minor in Zoology and Chemistry