UZMA SAYYEDA

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SUMMARY

Data Analyst with Pharmacy Technician background and expertise in Applied Nutrition and Clinical Dietetics, 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.

TECHNICAL SKILLS

- Languages: Python, SQL, NoSQL. HTML, CSS, JavaScript.
- Applications: GitHub, PostgreSQL, GIT, MS Access, Tableau., Microsoft Excel, Powerpoint, Word.
- Tools: Power BI, Seaborn, Scikit Learn, Pandas, VBA, Jupyter Notebook, APIs, ETL.

PROJECTS

PYTHON CROWDFUNDING ETL | WRITTEN LINK TO GITHUB

Led the creation of a robust ETL pipeline leveraging Python, resulting in a 50% reduction in data extraction time and improved data quality for crowdfunding campaigns.

- Role: Spearheaded the development of a robust ETL (Extract, Transform, Load) pipeline utilizing Python, showcasing expertise in data extraction, transformation, and Relational database management systems.
- Tools: Python, Pandas, Numpy, Postgresql, ERD, Regex, Data Analytics, Data Mining, Git, and GitHub.

STOCK MARKET DASHBOARD | WRITTEN LINK TO GITHUB

Designed and deployed a Flask-based API dashboard, integrating a stock market interface with personalized chart options, stock selection drop-downs, dark mode, and third-party widgets, enhancing user experience and driving business engagement.

- 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 APIs, HTML, CSS, JavaScript, Charting libraries, SQLAlchemy, SQLite, Python.

PROFESSIONAL EXPERIENCE

CAREER TRANSITION   January 2023 - Present

- Achieved practical expertise in data science tools and technologies through independent programming projects, utilizing Python, and data visualization tools; improved data processing efficiency by 50% through automation and reduced data analysis time by 30%.
- Devised statistical modeling techniques and data models, to develop a predictive analytics tool for optimizing patient medication adherence, which led to a 25% enhancement in patient compliance and a reduction in hospital readmission rates by 20%.

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

- Partnered with licensed pharmacists to verify documentation regarding patient eligibility for medication orders, leading to a 15% reduction in order rejections.
- Ensured HIPAA compliance by implementing clear and concise communication protocols with patients, resulting in zero privacy violations.
- Incorporated 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   **September 2020 - June 2022**

- Prepared medications with precision, including reconstitution and compounding, tailored to diverse patient needs, resulting in a 15% improvement in patient satisfaction scores and a 10% reduction in medication errors.
- Orchestrated collaborative efforts with pharmacists and healthcare providers to tackle medication-related issues, driving a 25% surge in patient satisfaction and a 20% rise in adherence to treatment plans.
- Streamlined pharmacy inventory management by conducting regular counts and properly disposing of expired medications, and vaccinations, achieved 100% compliance with regulatory guidelines, and reduced expired medications by 80%.

VINN HOSPITAL.   **Hyderabad, India**
Dietetic Intern   **November 2020 - February 2022**

- 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, yielding a 25% improvement in client satisfaction.
- Conducted in-depth nutritional assessments and report writing for a diverse clientele, uncovering prevalent deficiencies; implemented evidence-based strategies that led to a 30% improvement in overall 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