Jerrel Senter

WORK EXPERIENCE

CLINICAL OUTCOMES ANALYST | HBFF Butler Center for Research, Minneapolis, MN   (03/2025 – Present)
- o Leveraged diverse clinical datasets to build interactive dashboards and reports to monitor key trends such as patient recovery trends and continuing care engagement
- o Ran ad hoc analyses in SQL and Python, including power calculations to determine the sample sizes needed to detect meaningful differences in counselor effectiveness.
- o Utilized PowerBI, SQL, and Power Query to automate the process of taking in and transforming survey data, which cut down on the time the team had to spend on manual reporting significantly.

POPULATION HEALTH DATA ANALYST | MHC Healthcare, Marana, AZ   (05/2023 – 03/2025)
- o Developed visualizations and reports using PowerBI and other clinical quality tools to effectively communicate quality improvement findings to stakeholders.
- o Supported quality improvement efforts across multiple clinical teams, contributing to a sustained decrease in patient readmissions.
- o Conducted ad hoc analyses by utilizing SQL and PowerBI, including creating a heat map in PowerBI using patient and clinic geolocation data to identify care gaps and guide outreach for mammogram scheduling.

CLINICAL DATA PROGRAMMER | Celerion, Tempe, AZ   (01/2022 – 05/2023)
- o Programmed and maintained clinical trial datasets, including 100+ case report forms and edit checks, helping reduce discrepancies and streamline reporting.
- o Using CDASH and CDISC/SDTM standards, developed SAS programs for data cleaning, transformation, and submission-ready outputs.
- o Participated in code reviews and peer QC processes to uphold consistency and accuracy across deliverables.

DATA ANALYST INTERN | NCPDP, Scottsdale, AZ   (08/2021 – 12/2021)
- o Applied statistical techniques, such as regression analysis, to identify data anomalies and improve the accuracy of internal reporting.
- o Collaborated across teams to communicate data findings and worked independently to meet project deadlines.
- o Utilized Excel functions such as VLOOKUP to cross-compare to conduct data validation in Salesforce.

PHARMACY TECHNICIAN | Walgreens, Phoenix, AZ   (06/2021 – 01/2022) | (02/2019 – 08/2019)
- o Supported pharmacological services by stocking, assembling, and distributing medications.
- o Interacted with physicians, healthcare personnel, and patients for non-pharmacist related inquiries.

EXCEPTION HANDLER | AllianceRx Walgreens Prime, Tempe, AZ   (08/2016 – 02/2019)
- o Developed various SOPs regarding the process of ordering specialty medication.
- o Utilized MS Suite to update the medication ordering database to expedite special ordering medication.

SKILLS AND ACCOMPLISHMENTS

PROGRAMMING LANGUAGES: SAS, SQL, Python, R
DATA TOOLS: Power BI, Tableau, MS SQL Server Studio, Azara, Databricks
HEALTHCARE KNOWLEDGE: HIPAA, HEDIS, UDS, CDISC, ICD-10, A3, Value-based care, Pharmacology, AthenaPractice, Compass

EDUCATION

B.S. IN BIOMEDICAL INFORMATICS | Arizona State University, Tempe, AZ
- o *magna cum laude*, 3.7 cumulative GPA | Recipient of Dean's List Achievement Award

DATA ANALYST CERTIFICATION, SQL FOR BUSINESS ANALYSTS CERTIFICATION, SQL FUNDAMENTALS CERTIFICATION, TIME SERIES ANALYSIS IN TABLEAU COURSE | DataCamp, Online Certificates