Sara Maknojia

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PROFESSIONAL SUMMARY

Passionate and dedicated public health professional with over 5 years of experience in both educational and professional settings. Demonstrated expertise in data modeling, analysis, and database management using SQL, along with beginner proficiency in Python. Proficient in data visualization with Tableau and CRM systems. Strong advocate for systems transformation and the implementation of new programs and projects. Highly skilled in Microsoft Office Suite, with a proven track record of preparing comprehensive reports and dashboards in fast-paced environments for complex primary and secondary datasets.

WORK EXPERIENCE

Data Program Manager
Galveston County Health District | Texas City, Texas | 06/2022 – Present

• Designed and executed analytical plans, interpreting large-scale datasets to drive data-informed decision-making and continuous reporting.
• Directed the end-to-end development of a $1M operational infrastructure projects, enhancing data management and systems integration.
• Spearheaded the deployment of an emergent disease investigation platform within 24 hours of outbreak detection, enabling immediate public health response.
• Developed and launched a district-wide vaccine management system, optimizing vaccine tracking and distribution workflows.
• Authored dynamic ad-hoc reports and system dashboards; proactively troubleshot operational issues to ensure uninterrupted program functionality.
• Supervised multidisciplinary teams, conducted performance evaluations, and implemented corrective action plans in alignment with organizational standards.
• Championed staff development through cross-training initiatives and fostered a culture of excellence in customer service delivery.
• Provided strategic leadership for workforce recruitment, retention, and engagement, aligning departmental goals with broader organizational objectives.

Data Analyst
Galveston County Health District | Texas City, Texas | 08/2021- 06/2022

• Data lead for Galveston County Health District.
• Create Admin Management dashboard, and Case Management dashboard to follow epidemiological cases and the progress of investigations done by epidemiologists.
• Created data visualization based on current requirements and trends.
• Create custom reports and statistical analysis for outbreaks.
• Clean, and manipulate complex data sets using SQL, and MS Excel.
• Liaison between independent contractors and the health district for software development.
• Strategically plan and test models (data management end) for future projects.
• Flexible and diverse in decision making process and leadership.

Data Specialist
Galveston County Health District | Texas City, Texas | 05/2020- 08/2021

• Data lead for COVID at Galveston County Health District.
• Manage COVID related data in Salesforce.
• Create monthly outbreak reports, case debug report, actively track hospitalizations, and Out of Jurisdiction COVID cases within CRM.
• Create Admin Management dashboard, and Case Management dashboard to follow COVID cases and the progress of investigations done by epidemiologists.
• Created fields and objects have seamless processes between testing statuses and cases.
• Create reports for data quality assurance.
• Interpret data, code, and analyze using STATA, maintain database and data systems.
• Develop statistical tables, perform analyses, and report data.

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• Identify, analyze, and interpret trends or patterns of complex data sets.
• Mining data from primary and secondary sources and reorganizing that data.
• Assist with disease investigation and contact tracing.
• Conducting in-depth investigational interviews for disease specific population.

Community Health Worker
Galveston County Health District | Texas City, Texas | 12/2019- 05/2020

• Coordinate outreaches and conduct outreaches to avail the program information to Galveston County residents.
• Apply for grant, write letter of intent, and abstracts to present at different public health Symposium.
• Deliver presentation on Diabetes and Obesity to aid preventive measures taken by the health district.
• Analyzed secondary data to understand the current needs for diabetes and obesity pandemics.
• Conduct needs assessment to understand the needs of our community.

EDUCATION

Master's in Public Health
Massachusetts College of Pharmacy and Health Sciences | Boston, MA | Community Health | 09/2017- 05/2019

Bachelor's of Physiotherapy
D.Y. Patil University | Navi Mumbai, MH | Physical Therapy| 06/2013- 04/2017

PUBLICATIONS

Primary and Secondary Attack Rates by Vaccination Status after a SARS-CoV-2 B.1.617.2 (Delta) Variant Outbreak at a Youth Summer Camp—Texas, June 2021

Oxford Academic, The Journal of the Pediatric Infectious Disease Society | Aug 31, 2022 | Link to Publication

Investigation of a SARS-CoV-2 outbreak in a Texas summer camp resulting from a single introduction

MedRxiv | May 30, 2022 | Link to Publication

SKILLS

• Advanced Data Analysis & Interpretation
• Dashboard Development (Tableau, Power BI, CRMA)
• SQL & Excel for Data Cleansing & Transformation
• Statistical Modeling & Epidemiological Analysis
• Data Integration & Systems Architecture
• KPI Development & Performance Metrics
• Cross-Functional Team Supervision
• Staff Training & Performance Evaluation
• Strategic Leadership & Workforce Engagement
• Stakeholder Communication & Interagency Collaboration
• Change Management & Process Improvement
• Tableau / CRM Analytics (Salesforce)
• Microsoft Excel (Advanced), SQL
• MS PowerPoint, Word, Outlook
• Dataloader.io, API Integration Tools
• Salesforce Service Cloud & Community Plus
• Box, Adobe Acrobat, Zoom, Microsoft Teams