

Srivalli Koppakula BDS,MPH

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📍 New York Metropolitan Area

🌐 [Srivalli Koppakula](#)

Summary

Public Health Data Analyst and Biostatistician with a Master of Public Health (MPH) and Bachelor of Dental Surgery (BDS), proficient in R, SPSS, and SAS for statistical analysis, data cleaning, quality assurance, and database management of large-scale population health datasets, including MIDUS 3 (n=3,377). Skilled in regression analysis, ANOVA, and descriptive and inferential statistics. ICH-GCP and CITI certified. Co-authored manuscript under peer review at the Pan American Journal of Public Health

Core Competencies

Statistical Analysis & Biostatistics
Biostatistical Software: R, SPSS, SAS
Quantitative Data Analysis
Data Cleaning & Quality Assurance
Database Management & Data Integrity
Regression Analysis & ANOVA
Descriptive & Inferential Statistics
Epidemiological Research & Study Design
Large-Scale Dataset Management
Data Visualization & Reporting
Dashboard Development & Analytics
Advanced Microsoft Excel
HIPAA Compliance & Data Governance
Research Documentation & Reproducibility
SQL —Actively Developing
Tableau / Power BI — Actively Developing
Python — Actively Developing

Professional Experience

3DA, Disability-Focused Research Nonprofit, Research Assistant 08/2025 – 11/2025 | USA

- Collected, cleaned, and analyzed public health datasets across 3+ research projects, ensuring data accuracy, completeness, and integrity throughout the analytical pipeline
- Performed quantitative and qualitative data analysis on health disparities, digital equity, and workforce inclusion, generating data-driven findings and evidence-based reports
- Conducted data quality assurance and validation to maintain database integrity and ensure compliance with data governance standards
- Coordinated with a multidisciplinary team of 5+ researchers to manage data workflows, project timelines, and documentation

Research Experience

Psychological Risk Factors for Suicidal Thoughts in Older Adults 01/2025 – 05/2025

- Analyzed psychosocial predictors of suicidal ideation in 3,377 older adults using the MIDUS 3 national longitudinal dataset, applying multiple logistic regression, correlation analysis, and descriptive statistics in SPSS and R
- Performed data cleaning, missing value handling, and confounder identification to ensure data accuracy and analytical reproducibility
- Interpreted statistical outputs and prepared structured data analysis reports and presentation materials summarizing key findings
- Contributed to a co-authored manuscript under peer review at the Pan American Journal of Public Health (2026)

Statistical Analysis of Risk Factors for Kidney Failure 01/2025 – 05/2025

- Analyzed relationships between cardiometabolic risk factors (BMI, blood pressure, cholesterol) and renal function (GFR) in 3,377 adults using the MIDUS 3 dataset
- Applied ANOVA, multiple regression, and correlation testing in SPSS, ensuring data accuracy and integrity throughout the analytical pipeline
- Prepared data analysis reports and contributed to academic presentation of findings

Clinical Experience

Dental Intern, Raghu Ram Maxillofacial & Dental Clinic 02/2024 – 06/2024 | Guntur, India

- Maintained accurate clinical data records and documentation for 200+ patients in compliance with HIPAA-equivalent data privacy standards
- Collaborated with an interdisciplinary healthcare team of 5+ to coordinate patient data management and ensure protocol adherence

- Dental Intern**, Gitam Dental College & Hospital12/2022 – 12/2023 | Visakhapatnam,India
- Managed clinical data documentation for 500+ patient encounters across multiple dental specialties in a high-volume academic teaching hospital
 - Ensured data accuracy, completeness, and regulatory compliance of patient records throughout clinical rotations

Certificates

- ICH Good Clinical Practice (GCP) E6(R3):** The Global Health Network
- CITI Human Subjects Research:** Social & Behavioral Research
- Citi Human Subjects Research:** Biomedical Research
- Designing Big Data Healthcare Studies:** Linkedin Learning

Publications

Koppakula, S. (Co-Author) "Understanding Suicide Risk in Multimorbidity: A Mapping of Proximal and Distal Determinants"2026

Under peer review, Pan American Journal of Public Health (PAJPH)

Education

- Master of Public Health**, Long Island University09/2024 – 05/2026 | Brooklyn, United States
- Leadership - Treasurer, Public Health Society (PHS)
- Bachelor of Dental Surgery**, Gitam Dental College And Hospital09/2018 – 12/2023 | Visakhapatnam, India
- NSS Volunteer, 2019 - 2023